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7, 2006, 12:59:38; Search time 91.7626 Seconds (without alignments) 1247.624 Million cell updates/sec
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'Ggn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

'Ggn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

'Ggn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*

'Ggn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

'Ggn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

'Ggn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*
GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                        protein search, using sw model
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length: 2000000000
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Sequence 1431, Ap
Sequence 128, App
Sequence 101, App
Sequence 162, App
Sequence 1257, Ap
Sequence 1257, Ap
Sequence 1260, App
                                        Sequence 624, App
Sequence 1887, Ap
Sequence 57085, A
Sequence 4, Appli
Sequence 1431, App
Sequence 728, App
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1260, Ap
941, App
7, Appli
380, App
388, App
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1139, Ap
179, App
1268, Ap
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US-10-257-021-82
US-10-631-467-624
US-10-408-765A-1887
US-10-408-765A-1887
US-09-819-371-4
US-09-819-371-4
US-09-819-371-4
US-10-631-467-728
US-10-631-467-728
US-10-287-436A-1257
US-10-287-436A-1267
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| | AT.TCNMENTS | | |
|-------------------|-------------------|-------|-------------|
| Sequence 156, App | US-10-210-172-156 | 71 4 | 75.6 |
| Sequence 72, Appl | US-10-085-198-72 | 371 4 | 1131 75.6 3 |
| Sequence 2, Appli | US-10-482-532-2 | 39 5 | 75.8 |
| Sequence 2, Appli | US-10-108-511-2 | 89 4 | 75.8 |
| Sequence 5, Appli | US-10-482-532-5 | 10 | 77.1 |
| Ŋ | US-10-108-511-5 | 10 4 | 77.1 |
| Sequence 42, Appl | US-11-040-686-42 | 21 6 | 77.1 |
| Sequence 5, Appli | US-10-075-257-5 | 15 4 | 77.1 |
| Sequence 5, Appli | US-10-073-300-5 | 15 4 | |
| Sequence 6, Apply | US-10-075-257-6 | 80 4 | 77.1 |
| | US-10-073-300-6 | 80 4 | 77.1 |
| Sequence 23, Appl | US-10-138-888-23 | 65 4 | 77.1 |
| 80, | US-10-093-463-80 | 64 4 | 77.4 |
| Sequence 6, Appli | US-09-819-371-6 | 15 3 | 77.8 |
| Sequence 160, App | US-10-210-172-160 | 79 4 | 78.5 |
| Sequence 78, Appl | US-10-093-463-78 | 79 4 | 78.5 |
| Sequence 940, Apr | US-10-741-600-940 | 65 5 | 78.5 |
| Sequence 939, Apr | US-10-741-600-939 | 65 5 | 78.5 |

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Sequence 5, Application US/09819371
Publication No. US20040053344A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Cancer Cell-Specific HLA-F Antigen and a Diagnostic Method of Cartille Reference: Using Thereof
FILE REFERENCE: 30815
CURRENT APPLICATION NUMBER: US/09/819,371
CURRENT FILING DATE: 2002-03-15
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.0
SEQ ID NO 5
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Sequence 82. Application US/10257021
Publication No. US20030211498A1
GENERAL INFORMATION:
APPLICANT: Morin, Patrice J.
                                                                                                                                                                                                                                                                                                                                             Query Match 100.
Best Local Similarity 100.
Matches 274; Conservative
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US-09-819-371-5
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         22 GSHSLRYFSTAVSRPGRGEPRYIAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYW 81
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Sequence 1887, Application US/10408765A

Publication No. US20040101874A1

GENERAL INFORMATION:

APPLICANT: Ghosh, Sounitra S.

APPLICANT: Glosh, Sounitra S.

APPLICANT: Glosh, Standerd W.

APPLICANT: Glosh, Bradford W.

APPLICANT: Glosh, Bradford W.

APPLICANT: Glosh, Branck, Dale B.

TITLE OF INVENTION: TASPENCE: G60088.465

TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME

TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME

TITLE OF INVENTION: 1DENTIFIED IN THE MITOCHONDRIAL PROTEOME

CURRENT APPLICANT APPLICATION NUMBER: US/10/408,765A

CURRENT FILING DATE: 2003-04-04

NUMBER OF SEQ ID NOS: 3077

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 1887

LENGTH: 442
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; Publication No. US20050196754A1
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Publication No. US20050208496A1
GENERAL INFORMATION:
APPLICANT: Genox Research Inc.
TITLE OF INVENTION: Method for testing for broncheal asthma, or chronic obstructive I TITLE OF INVENTION: disease
FILE REPERBNCE: 3462.1005-000
CURRENT FILING DATE: 2003-07-31
PRIOR APPLICATION NUMBER: US/10/631,467
CURRENT FILING DATE: 2003-07-31
PRIOR APPLICATION NUMBER: US 2003-07-31
PRIOR PILING DATE: 2003-08-06
NUMBER OF SEQ ID NOS: 208-06
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APPLICANT: Sherman-Baust, Cheryl A.
APPLICANT: Pizer, Ellen S.
APPLICANT: Pizer, Ellen S.
TITLE OF INVENTION: TUMOR MARKERS IN OVARIAN CANCER
FILE REPERENCE: 14014, 0.36902
CURRENT APPLICATION NUMBER: US/10/257,021
CURRENT PLIANG DATE: 2002-10-03
PRIOR APPLICATION NUMBER: PCT/US01/10947
PRIOR PILING DATE: 2001-04-03
PRIOR PILING DATE: 2001-04-03
NUMBER OF SEQ ID NOS: 147
SOFTWARE: PEACEGO for Windows Version 4.0
SEQ ID NO 82
                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 1496; DB 4; Best Local Similarity 100.0%; Pred. No. 1.5e-135; Matches 274; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
CORGANISM: Homo sapiens
US-10-257-021-82
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ORGANISM: Homo sapiens
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US-10-631-467-624
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                                                                    Length 362;
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                                                               99.5%; Score 1489; DB 3;
99.6%; Pred. No. 7.2e-135;
tive 0; Mismatches 1;
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Sequence 1431, Application US/09925301
Setent No. US20020052308A1
GENERAL INFORMATION:
APPLICANT: ROSSEN et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and File REFERENCE: PA106
CURRENT PELICATION NUMBER: US/09/925,301
CURRENT PELICATION NUMBER: DOU-08-10
PRIOR PELICATION NUMBER: PCT/US00/05882
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR PELICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1694
SOFTWARE: PALENTIN VEY: 2.0
SEQ ID NO 1431
LENGTH: 271
                                                                                                          Matches 273; Conservative
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Matches 241; Conservative
      ORGANISM: Homo sapiens
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US-09-925-301-1431
                                                                 Query Match
Best Local Similarity
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                 US-09-819-371-4
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Publication No. US20040053344A1
GENERAL INFORMATION:
APPLICANT: Egawa, Kohji
TITLE OF INVENTION: Cancer Cell-Specific HLA-F Antigen and a Diagnostic Method of Can
TITLE OF INVENTION: Using Thereof
FILE REPERENCE: 30815
CURRENT APPLICATION NUMBER: US/09/819,371
CURRENT PILING DATE: 2002-03-15
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.0
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: (587)..(605)
OTHER INFORMATION: Immunoglobulins and major histocompatibility complex proteins
OTHER INFORMATION: domain identified by eMATRIX, accession number BL00290B, p-value=
OTHER INFORMATION: 7.750e-19, raw score of 13.17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: (331)...(509)

THER INFORMATION: Class I Histocompatibility antigen, domains domain identified OTHER INFORMATION: by PFam, accession name MHC_I, E-value=5.8e-132, PFam score of OTHER INFORMATION: 451.8
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          APPLICATION NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
TITLE REPERENCE: 790CTP9/US
CURRENT APPLICATION NUMBER: US/10/450,763
CURRENT PILING DATE: 2003-06-11
PRIOR PILING DATE: 2001-03-30
PRIOR PILING DATE: 2001-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 60736
SEQ ID NO 57085
LENGTH: 677
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ORGANISM: Homo sapiens
PEATURE:
GENERAL INFORMATION:
APPLICANT: Hybeg, I
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NAME/KEY: DOMAIN
LOCATION: (331)...
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US-09-819-371-4
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TYPE: PRT
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TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: RHEDWATOID ARTHRITIS
FILE REFERENCE: 10872.514696
CURRENT APPLICATION NUMBER: US/10/287,436A
CURRENT APPLICATION NUMBER: US 60/336,220
PRIOR FILING DATE: 2001-10-31
NUMBER OF SEQ ID NOS: 1446
SOFTWARE: FRAESEQ for Windows Version 4.0
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16; Mismatches
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; Sequence 1257, Application US/10287436A
; Publication No. US20050202421A1
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; Publication No. US20050202421A1
; GENERAL INFORMATION:
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Best Local Similarity 81.34
Matches 222; Conservative
222; Conservative
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US-10-287-436A-162
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                                                                                                                                       TITLE OF INVENTION: Method for testing for broncheal asthma, or chronic obstructive prints of INVENTION: Method for testing for broncheal asthma, or chronic obstructive prints of INVENTION: disease
FILE REPERBYCE: 3462.1005-000
CURRENT APPLICATION NUMBER: US/10/631,467
CURRENT PILING DATE: 2003-07-31
PRIOR PRILING DATE: 2003-03-20
PRIOR PLING DATE: 2002-08-06
NUMBER OF SEQ ID NOS: 2086
SOFTWARE: Patentin version 3.1
SEQ ID NO 728
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ITILE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
ITILE OF INVENTION: RHEUMATOID ARTHRITIS
FILE REPERENCE: 10872.514696
CURRENT PILION NUMBER: US/10/287,436A
CURRENT FILING DATE: 2002-10-31
PRIOR FLING DATE: 2001-10-31
NUMBER OF SEQ ID NOS: 1446
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 101
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81.4%; Pred. No. 5.3e-109;
ive 20; Mismatches 31; Indels
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; Publication No. US20050202421A1
; GENERAL INFORMATION:
                                                                               ; Sequence 728, Application US/10631467; Publication No. US20050208496A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 81.44
Matches 223; Conservative
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US-10-631-467-728
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ORGANISM: Homo sapiens
US-10-287-436A-101
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Best Local Similarity
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                                             DYISLNEDLRSWTAADTVAQITQRPYEAEEYABEFRTYLEGECLELLRRYLENGKETLQR
                                                                        146 DYIALNEDLESWTAADTAAQITQRKWEAAREAEQWRAYLEGTCVEWLRRYLENGKETLQR
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Publication No. US20050202421A1
GENERAL INFORMATION:
TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: RHEUMATOID ARTHRITIS
FILE REPERENCE: 10872.514696
CURRENT APPLICATION NUMBER: US/10/287,436A
CURRENT APPLICATION NUMBER: US (0/336,220)
PRIOR APPLICATION NUMBER: US 60/336,220
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Publication No. US20050202421A1
GENERAL INFORMATION:
APPLICANT: CHILDRON HETHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: REUMATOID ARTHRITIS
TITLE OF INVENTION NUMBER: US/10/287,436A
CURRENT PILING DATE: 2002-10-31
PRIOR APPLICATION NUMBER: US 60/336,220
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80.3%; Pred. No. 1.4e-106;
iive 17; Mismatches 37;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 120
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Best Local Similarity 80.3*
Matches 220; Conservative
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US-10-287-436A-120
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US-10-287-436A-1260
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US-10-287-436A-120
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       APPLICANT: CHILDREN'S HOSPITAL MEDICAL CENTER
TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: REPENATOID ARTHRITIS
FILE REPERSORS: 10872.514696
CURRENT APPLICATION NUMBER: US/10/287,436A
CURRENT PILING DATE: 2002-10-31
PRIOR APPLICATION NUMBER: US 60/336,220
PRIOR APPLICATION NUMBER: US 60/336,220
NUMBER OF SEQ ID NOS: 1446
SOPTHARE: PEASESEQ FOR WINDOWS VERSION 4.0
SEQ ID NO 1257
LENGTH: 366
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TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: RHEMMATOID ARTHRITIS
FILE REPERENCE: 10872.514696
CURRENT APPLICATION NUMBER: US/10/287,436A
PRIOR APPLICATION NUMBER: US 60/336,220
PRIOR APPLICATION NUMBER: US 60/336,220
                                                                                                                                                                                                                                                                                                                                                                                 Query Match 80.5%; Score 1205; DB 5; Best Local Similarity 81.3%; Pred. No. 1.9e-107; Matches 222; Conservative 16; Mismatches 35;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1267
LENGTH: 366
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                                                                                                                                                                                                                                                                                          ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-287-436A-1257
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US-10-287-436A-1267
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CRGANISM: HOMO
US-10-287-436A-1267
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Sequence 941, Application US/10741600
Publication No. US20050026169A1
Publication No. US20050026169A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
FILE REPERENCE: CL001499
CURRENT PILING DATE: 2003-12-22
NUMBER OF SEQ ID NOS: 73997
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 941
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NUMBER OF SEQ ID NOS: 1446
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1260
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Best Local Similarity 80.3*
Matches 220; Conservative
                                                                             TYPE: PRT
GRGANISM: Homo sapiens
US-10-287-436A-1260
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CRGANISM: Homo sapiens
US-10-741-600-941
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US-10-741-600-941
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1260, Ap
941, App
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1268, Ap
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380, App
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5, Appli
82, Appl
624, App
1887, Ap
57085, A
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cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*

cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*

cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd
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US-09-922-301-1431
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US-10-631-467-624
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US-10-631-467-624
US-10-631-467-634
US-10-631-467-728
US-10-287-436A-1267
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US-10-287-436A-1267
US-10-287-436A-1368
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US-10-741-601-388
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US-10-741-601-379
US-10-741-600-1139
US-10-741-601-325
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Maximum Match 1008
Listing first 45 summaries
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seg length: 200000000
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Sequence 6, Application US/09819371

Publication No. US20040053344A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Cancer Cell-Specific HLA-F Antigen and a Diagnostic Method of Caltitle REFERENCE: 30815
CURRENT APPLICATION NUMBER: US/09/819,371
CURRENT APPLICATION NUMBER: US/09/819,371
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.0
SEQ ID NO 6.
                                                                                      160, App
80, App
60, Appli
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Batent No. US20020052308A1
GENERAL INFORMATION:
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REPERENCE: PADG6
CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
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US-10-741-601-326
US-10-741-600-939
US-10-093-463-78
US-10-093-463-78
US-10-093-463-80
US-10-093-463-80
US-10-073-300-6
US-10-073-300-6
US-10-073-300-5
US-10-075-257-6
US-10-075-257-5
US-10-075-257-5
US-10-085-11-5
US-10-128-558-136
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ORGANISM: Homo sapiens
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  US-09-925-301-1431
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Matches 215;
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US-09-819-371-6
  LENGTH: 215
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Sequence 624, Application US/10631467
Publication No. US20050208496A1
GENERAL INFORMATION:
APPLICANT: Genox Research Inc.
TITLE OF INVENTION: Method for testing for broncheal asthma, or chronic obstructive I TITLE OF INVENTION: disease
TITLE OF INVENTION: disease
TITLE OF INVENTION: disease
TITLE REPRENCE: 3462.1005-000
CURRENT APPLICATION NUMBER: US/10/631,467
CURRENT PILING DATE: 2003-07-31
FRIOR FILING DATE: 2003-07-31
FRIOR FILING DATE: 2003-07-29312
FRIOR FILING DATE: 2002-08-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               164 TORFYEAEESYAEEFRTYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHEATLR 223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         44 IAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLL
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Pred. No. 2e-107;
1; Mismatches 0; Indels (
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US-10-257-021-82

j Sequence 82, Application US/10257021

j Publication No. US20030211498A1

j GENERAL INFORMATION:
    APPLICANT: Morin, Patrice J.
    APPLICANT: Pizer, Ellen S.
    APPLICANT: Hough, Colleen D.
    TITLE OF INVENTION: TUWOR MAKERS IN OVARIAN CANCER
    FILE REFERENCE: 14014.0369U2.
    CURRENT FILING DATE: 2002-03
    PRIOR APPLICATION NUMBER: PCT/US01/10947
    PRIOR APPLICATION NUMBER: 60/194,336
    PRIOR APPLICATION NUMBER: 60/194,336
    PRIOR PILING DATE: 2000-04-03
    PRIOR PILING DATE: 2000-04-03
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Best Local Similarity 99.5%;
Matches 214; Conservative
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SOFTWARE: Patentin version 3.1
SEQ ID NO 624
LENGTH: 362
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US-10-631-467-624
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US-10-257-021-82
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Sequence 5, Application US/09819371

Sequence 5, Application US/09819371

Sequence 5, Application World US20040053344A1

GENERAL INFORMATION:

APPLICANT: Egawa, Kohji

TITLE OF INVENTION: Using Thereof

TITLE OF INVENTION: Using Thereof

FILE REFERENCE: 30815

CURRENT APPLICATION NUMBER: US/09/819,371

CURRENT FILING DATE: 2002-03-15

NUMBER OF SEQ ID NOS: 6

SOFTWARE: Patentin version 3.0

SEQ ID NO 5
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      PRIOR APPLICATION NUMBER: PCT/USOO/05882
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1694
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1431
LENGTH: 271
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Best Local Similarity 99.5'
Matches 214; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 99.5
Matches 214; Conservative
                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-301-1431
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ORGANISM: Homo sapiens
US-09-819-371-5
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LOCATION: (587)...(605)
OTHER INFORMATION: Immunoglobulins and major histocompatibility complex proteins
OTHER INFORMATION: Immunoglobulins and waterx, accession number BL00290B, p-value
OTHER INFORMATION: 7.750e-19, raw score of 13.17
PEATION:
PEATION:
LOCATION: (331)..(509)
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Sequence 4, Application Wo. US20040053344A1
GENERAL INFORMATION:
APPLICANT: Egawa, Kohji
TITLE OF INVENTION: Cancer Cell-Specific HLA-P Antigen and a Diagnostic Method of Ca.
TITLE OF INVENTION: Using Thereof
FILE REFERENCE: 30815
CURRENT APPLICATION NUMBER: US/09/819,371
CURRENT APPLICATION NUMBER: 2020-03-15
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: (331]..(509)
OTHER INFORMATION: Class I Histocompatibility antigen, domains domain identified
OTHER INFORMATION: by PFam, accession name MHC_I, E-value=5.8e-132, PFam score of
OTHER INFORMATION: 451.8
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99.2%; Score 1164; DB 5;
Best Local Similarity 99.5%; Pred. No. 4.5e-107;
Matches 214; Conservative 1; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 1157; DB 3;
Pred. No. 9.9e-107;
1; Mismatches 1;
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PRIOR APPLICATION NUMBER: FLINGS-100-103-30
PRIOR FILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: 09/649,167
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: 09/649,167
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Matches 213; Conservative
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TYPE: PRT
ORGANISM: Homo sapiens
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US-09-819-371-4
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                               44 IAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALENLL
                                                                                      RRYNQSBAGSHTLQGMNGCDMGPDGRLLRGYHQHAWDGKDYISLNEDLRSWTAADTVAQI
                                                                                                                  1 IAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLL
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Sequence 57085, Application US/10450763

GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
FILE REFERENCE: 790CIP3/US
CURRENT APPLICATION NUMBER: US/10/450, 763

CURRENT FILING DATE: 2003-06-11
                                                                                                                                                                                                                                                             181 CWALGFYPARITLIWQRDGEEQTQDTELVETRPAG 215
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                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1887, Application US/10408765A Publication No. US20040101874A1 GENERAL INFORMATION:
APPLICANT: Ghosh, Soumitra S. APPLICANT: Fahy, Boin D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-1887
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US-10-408-765A-1887
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US-10-450-763-57085
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TORFYEAEBYAEBFRTYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHEATLR 180
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                                                                                                                                                                                                                                                     61 RRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAWDGKDYISLNEDLRSWTAADTVAQI
                                                                                                                                                                                                                                                                          107 GYYNQSEDGSHTLQMMYGCDLGPDGRLLRGYDQSAYDGKDYIALNEDLRSWTAADTAAQI
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                                                                                                         Length 366;
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                                                                                                                                              33; Indels
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Publication No. US20050202421A1
GENERAL INFORMATION:
APPLICANT: CHILDREN'S HOSPITAL MEDICAL CENTER
TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: RHEUMATOID ARTHRITIS
FILE REPRENCE: 10872.51496
CURRENT APPLICATION NUMBER: US 60/386,220
FRIOR APPLICATION NUMBER: US 60/386,220
FRIOR PILING DATE: 2002-10-31
NUMBER OF SEQ ID NOS: 1446
SOSTWARE: FRAELSC for Windows Version 4.0
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; Pred. No. 9.2e-81; 
14; Mismatches 33;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery Match 76.5%; Score 897; DB 5; Best Local Similarity 78.1%; Pred. No. 9.2e-81; Matches 168; Conservative 14; Mismatches 33.
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2-10-287-436A-1257
Sequence 1257, Application US/10287436A
Publication No. US20050202421A1
                                                                                                         76.5%;
78.1%;
                                                                                                         Query Match
Best Local Similarity 78.1%
Matches 168; Conservative
; SEQ ID NO 101
; LENGTH: 366
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-287-436A-101
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CORGANISM: Homo sapiens
US-10-287-436A-162
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Publication No. US20050208496A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: disease
TITLE OF INVENTION: disease
TITLE OF INVENTION: disease
TITLE OF ILLING DATE: 2003-07-31

CURRENT APPLICATION NUMBER: US/10/631,467

CURRENT APPLICATION NUMBER: US/2003-077212

PRIOR FILING DATE: 2003-03-20

PRIOR FILING DATE: 2003-09-06

NUMBER OF SEQ ID NOS: 2086

SOCITION OF SEQ ID NOS: 2086

SEQ ID NO 728

LENGTH: 362
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                                   RRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAWDGKDYISLNEDLRSWTAADTVAQI 120
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Publication No. US20050202421A1
GENERAL INFORMATION:
APPLICANT: CHILDREN'S HOSPITAL MEDICAL CENTER
TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE REFERENCE: 10872.514696
CURRENT APPLICATION NUMBER: US/10/287,436A
CURRENT FILING DATE: 2002-10-31
PRIOR PRILING DATE: 2001-10-31
NUMBER OF SEQ ID NOS: 1446
SOFTWARE: FastSEQ for Windows Version 4.0
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79.1%; Pred. No. 3.6e-83;
iive 17; Mismatches 28;
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Matches 170; Conservative
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US-10-287-
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167 TORKWEAARBAEGWRAYLEGTCVEWLRRYLENGKETLORAEHPKTHVTHHPVSDHEATLR 226
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| Publication Wo. US2005202421A1
| Rublication Wo. US2005202421A1
| GENERAL INFORMATION: US2005202421A1
| APPLICANT: CHILDREN'S HOSPITAL MEDICAL CENTER
| TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
| TITLE OF INVENTION: RHEUMATOD ARTHRITIS
| FILE REPERBNCE: 10872.514696
| CURRENT APPLICATION NUMBER: US/10/287,436A
| CURRENT FILING DATE: 2002-10-31
| PRIOR APPLICATION NUMBER: US 60/336,220
| PRIOR APPLICATION NUMBER: US 60/336,220
| NUMBER OF SEQ ID NOS: 1446
| SOUTWARE: PRESENCE FRESCO FOR WINDOWS VERSION 4.0
| SEQ ID NO 1260
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                                           181 CWALGFYPAEITLTWQRDGEEQTQDTELVETRPAG 215
                                                                       227 CWALGFYPABITLITWQRDGEDQTQDTELVETRPAG 261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               181 CWALGFYPAEITLIWQRDGEEQTQDTELVETRPAG 215
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Matches 167; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TORFYBABEYARBFRTYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHEATLR 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           61 RRYNGSBAGSHTLQGMNGCDMGPDGRLLLRGYHQHAWDGXDYISLNBDLRSWTAADTVAQI 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 IAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLL 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     107 GYYNQSEDGSHTLQWMYGCDLGPDGRLLRGYDQSAYDGKDYIALNEDLRSWTAADTAAQI
                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1267, Application US/10287436A

Publication No. US200502421A1

GENERAL INFORMATION:
APPLICANT: CHILDERN'S HOSPITAL MEDICAL CENTER

ITILE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: METHOD ARTHRITIS
FILE REPERENCE: 10872.514696
CURRENT PILING DATE: 2002-10-31
PRIOR APPLICATION NUMBER: US 60/336,220
PRIOR PILICATION NUMBER: 2001-10-31
NUMBER OF SEQ ID NOS: 1446
SOFTWARE: PSECE FOR WINDOWS VERSION 4.0
SEQ ID NO 1267
LENGTH: 366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ouery Match 76.5%; Score 897; DB 5; Length 366; Best Local Similarity 78.1%; Pred. No. 9.2e-81; Matches 168; Conservative 14; Mismatches 33; Indels
         APPLICANT: CHILDREN'S HOSPITAL MEDICAL CENTER
TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: RHEUMATOID ARTHRITIS
FILE REPERENCE: 10872.514696
CURRENT PELLING DATE: 2002-10-31
PRIOR APPLICATION NUMBER: US/10/287,436A
CURRENT PILING DATE: 2001-10-31
PRIOR FILING DATE: 2001-10-31
WUMBER OF SEQ ID NOS: 1446
SOFTWARE: PastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           181 CWALGFYPAEITLIWQRDGEEQTQDTELVETRPAG 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CMALGFYPAEITLTWQRDGEDQTQDTELVETRPAG 261
                                                                                                                                                                                                                                                                               ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-287-436A-1257
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US-10-287-436A-1267
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                                                                                                                                                                                                                                                        LENGTH: 366
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61 RRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAWDGKDYISLNEDLRSWTAADTVAQI 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TORFYBABEBYABBFRTYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHEATLR 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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Sequence 120, Application US/10287436A
; Beblication No. US20050202421A1
; Beblication No. US20050202421A1
; GENBRAL INFORMATION:
; TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
; TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
; TITLE OF INVENTION: MEHEUMATOD ARTHRITIS
; TITLE OF INVENTION: MEHEUMATOD ARTHRITIS
; CURRENT APPLICATION: NUMBER: US/10/287,436A
; CURRENT FILICATION NUMBER: US 60/336,220
; PRIOR PLICATION NUMBER: US 60/336,220
; RICH RELICATION OF SEQ 1D NOS: 1446
; SOFTWARE: PastSEQ for Windows Version 4.0
; SEQ 1D NO 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 76.3%; Score 895; DB 5; Length 362; 77.7%; Pred. No. 1.4e-80; tive 14; Mismatches 34; Indels
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61 RRYNQSBAGSHTLQGMNGCDMGPDGRLLKGYHQHAWDGKDYISLNEDLRSWTAADTVAQI 120
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| 166 | 107 GVVNOSPAGSHTWORWYGCDI GPDGRITIRGYNOT AVGCKDYTAINNI SSWTAADTAAOT 166 |

Search completed: April 7, 2006, 13:05:58 Job time: 73.0035 secs

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GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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Title:
WS-09-819-371-4
Perfect score: 1922
Sequence: 1 MAPRSLILLISGALALTDTW......QAAVTDSAQGSGVSLTANKV 362

Scoring table: BLOSUM62 Gapop 10.0 , Gapext 0.5 Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database: Issued Patents AA:*

1: /cgn2_6/ptcdata/1/iaa/5_COMB.pep:*
2: /cgn2_6/ptcdata/1/iaa/6_COMB.pep:*
3: /cgn2_6/ptcdata/1/iaa/H_COMB.pep:*
4: /cgn2_6/ptcdata/1/iaa/PGTUS_COMB.pep:*
5: /cgn2_6/ptcdata/1/iaa/RE_COMB.pep:*
6: /cgn2_6/ptcdata/1/iaa/RE_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIE

| | | do | | | SUMMARIES | |
|---------------|-------|-------|-----------------------|----|--------------------|-------------------|
| Result No. | Score | Query | Query Match Length | DB | σī | Description |
| | 1161 | 99.4 | 362 | 7 | US-09-949-016-8242 | Sequence 8242, Ap |
| ~ | 1497 | 77.9 | 365 | Н | US-08-484-905-100 | 100, |
| m | 1497 | -: | 365 | ~ | US-08-481-985B-100 | 100 |
| 4 | 1497 | 77.9 | 365 | ~ | US-08-652-265-23 | 23, |
| S | 1497 | 77.9 | 365 | 7 | US-08-834-497A-23 | 23, |
| 9 | 1497 | 77.9 | 365 | ~ | US-08-370-476-100 | 100, |
| 7 | 1497 | 77.9 | 365 | ~ | US-09-503-444A-23 | |
| σ | 1494 | 77.7 | 365 | н | US-08-484-905-99 | 66 |
| σ | 1494 | 77.7 | 365 | Н | US-08-484-905-104 | 104, |
| 10 | 1494 | 77.7 | 365 | 0 | US-08-481-985B-99 | 99 |
| 11 | 1494 | 77.7 | 365 | ~ | US-08-481-985B-104 | 104, |
| 12 | 1494 | 77.7 | 365 | ~ | US-08-370-476-99 | 66 |
| 13 | 1494 | 77.7 | 365 | 7 | US-08-370-476-104 | |
| 14 | 1490 | 77.5 | 365 | Н | US-08-484-905-97 | 97, |
| 15 | 1490 | 77.5 | 365 | Н | US-08-484-905-98 | 98 |
| 16 | 1490 | 77.5 | 365 | ~ | US-08-481-985B-97 | 97, |
| 17 | 1490 | 77.5 | 365 | ~ | US-08-481-985B-98 | 98, |
| 18 | 1490 | 77.5 | 365 | ~ | US-08-370-476-97 | 97, |
| 19 | 1490 | 77.5 | 365 | ~ | US-08-370-476-98 | Sequence 98, Appl |
| 50 | 1485 | | 365 | Н | US-08-484-905-103 | 103 |
| 21 | 1485 | | 365 | ~ | US-08-481-985B-103 | 103 |
| 22 | 1485 | 77.3 | 365 | 0 | US-08-370-476-103 | 103 |
| 23 | 1484 | | 365 | Н | 38-484- | 102 |
| 24 | 1484 | • | 365 | ~ | US-08-481-985B-102 | 102 |
| 25 | 1484 | 77.2 | 365 | ~ | US-08-370-476-102 | 102 |
| 56 | 1476 | ٠ | 365 | н | US-08-484-905-101 | Sequence 101, App |
| 27 | 1476 | 76.8 | 365 | ~ | US-08-481-985B-101 | 101, |

| Sequence 101, App Sequence 6176, Ap | 8636 | Sequence 38, Appl Sequence 8370, Ap | | Sequence 8, Appli | Sequence 37, Appl | Sequence 12, Appl | Sequence 22, Appl | Sequence 22, Appl | Sequence 22, Appl | Sequence 10, Appl | Sequence 11, Appl | Sequence 1, Appli | 7, | Sequence 9, Appli | 107 |
|---|--------------------|--|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-------------------|
| US-08-370-476-101 US-09-949-016-6176 | US-09-949-016-8636 | US-08-890-719-38 US-09-949-016-8370 | US-09-949-016-6620 | US-08-914-372C-8 | US-08-914-372C-37 | US-08-914-372C-12 | US-08-652-265-22 | US-08-834-497A-22 | US-09-503-444A-22 | US-08-914-372C-10 | US-08-914-372C-11 | US-08-222-851-1 | US-08-914-372C-7 | US-08-914-372C-9 | US-08-484-905-107 |
| 0 0 | 7 | 0 0 | 7 | N | ~ | N | ~ | ~ | ~ | N | N | - | ~ | 7 | - |
| 365 338 | 339 | 341 360 | 358 | 361 | 363 | 364 | 361 | 361 | 361 | 364 | 364 | 274 | 361 | 361 | 274 |
| 76.8 | 74.1 | 72.9 | 70.2 | 67.3 | 67.1 | 66.7 | 65.8 | 65.8 | 65.8 | 65.3 | 65.0 | 64.6 | 64.4 | 63.7 | 59.5 |
| 1476 | 1424 | 1402 | 1350 | 1293 | 1290 | 1282 | 1264.5 | 1264.5 | 1264.5 | 1256 | 1250 | 1241 | 1237 | 1224 | 1143 |
| 28 29 | 30 | 32 | 33 | 34 | 32 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |

ALIGNMENTS

RESULT 1 US-09-949-016-8242

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Sequence 8242, Application US/09949016

Batent No. 681239

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION:

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR PILING DATE: 2000-10-20

PRIOR PLIING DATE: 2000-10-03

PRIOR PLIING DATE: 2000-10-03

PRIOR PLIING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NO 8242
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GCDMGPDGRLLRGYHQHAYDGKDYISLNEDLRSWTAADTVAQITQRFYEAEEYAEEFRTY 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LEGECLELLRRYLENGLETLQRADPPKAHVAHHPISDHEATLRCWALGFYPAEITLTWQR 240
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Best Local Similarity 99.4%; Pred. No. 9.7e-181;
Matches 360; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-949-016-8242
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124 GCDVGSDGRFLRGYHQYAYDGKDYIALKEDLRSWTAADMAAQTTKHKWEAAHVAEQLRAY 183
                                             LEGECLELLRRYLENGLETLQRADPPKAHVAHHPISDHEATLRCWALGFYPAEITLTWQR 240
                                                                 DGEEQTQDTELVETRPAGDGTFQKWAAVVVPSGEEQRYTCHVQHEGLPQPLILRWEQSPQ 300
                                                                                                                                             DGEDQTQDTELVETRPAGDGTFQKWAAVVVPSGQEQRYTCHVQHEGLPKPLTLPWEPSSQ 303
                                                                                                                                                                                                    PTIPIVGIVAGLVVLGAVVTGAVVAAVMWRKKSSDRNRGSYSQAAVTDSAQGSGVSLTAN 360
                                                                                                                                                                                                                         304 PIIPIVGIIAGLVLFGAVITGAVVAAVMWRRKSSDRKGGSSSSQASSDSAQGSDVSLTAC 363
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Kourilsky, Phillipe
TITLE OF INVENTION: Altered Major Histocompatibility Complex
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 365;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   77.9%; Score 1497; DB 2; 77.6%; Pred. No. 1e-139; ative 29; Mismatches 52;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25,146
ER: 03495.0106-04000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Finnegan, Henderson, Farabow, ADDRESSEE: Dunner STREET: 1300 I Street, N.W., Suite 700 CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 100, Application US/08481985B Patent No. 6011146 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 100:
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Best Local Similarity 77.6%
Matches 281; Conservative
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LENGTH: 365 amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; MOLECULE TYPE: peptide US-08-481-985B-100
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61 AAIPRMEPREPWVEQEGPOYWEWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMN 120
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                                                                                                                                                                                                                                                   APPLICANT: Mottez, Estelle
APPLICANT: Mottez, Batelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Rourilsky, Philippe
TITLE OF INVENTION: Complex (MHC) Determinant and Methods for Using the
TITLE OF INVENTION: Determinant
NUMBER OF SEQUENCES: 127
CORRESPONDENCE ADDRESS:
ADDRESSE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSE: Dunner
STREET: 1300 I Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 MAPRSLLLLLSGALALTDTWAGSHSLRYFSTAVSRPGRGEPRYIAVEYVDDTQFLRFDSD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy Disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS-/MS-DOS
OPERATING SYSTEM: PC-DOS-/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,905
FILING DATE: 07-JUNE-1995
CLASSIFICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION: 530
PRIOR APPLICATION: 530
FILING DATE: 15-NOV-1991
CLASSIFICATION: 330
ATTORNEY/AGENT INFORMATION:
NAME: POELER, Jane E. R.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 30,4400
                                                                                                                                                                                              Sequence 100, Application US/08484905
Patent No. 5976551
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 100:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 anino acids
TYPE: amino acid
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Best Local Similarity 77.6%
Matches 281; Conservative
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STATE: D.C.
ZIP: 20005-3315
COMPUTER REALBABLE FORM:
MEDIUM TYPE: Floppy Di
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                                                           361 KV 362
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61 AAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMN 120
                                                                                                                                                                                                                                                                                           GCDMGPDGRLLRGYHQHAYDGKDYISLNEDLRSWTAADTVAQITQRFYEAEBYAEBFRTY 180
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                                                               /note= "Human Major Histocompatability Class I (MHC) protein"
                                                                                                                                        Length 365;
                                                                                                                               Query Match 77.9%; Score 1497; DB 2; Length 3 Best Local Similarity 77.9%; Pred. No. 1e-139; Matches 282; Conservative 28; Mismatches 52; Indels
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ZIF: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,497A
FILING DATE: 04-APR-1997
CLASSIFICATION 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/652,265
FILING DATE: 23-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 5
US-08-834-497A-23
Sequence 23, Application US/08834497A
Patent No. 6140305
Hallow Thoraxarion Thomas, Winston J.
APPLICANT: Thomas, Winston J.
APPLICANT: Prayra, Dennis T.
APPLICANT: Reder, John N.
APPLICANT: Ruddy, David
APPLICANT: Robert Sequence
APPLICANT: Noublif Roger K.
TITLE OF INVENTION: HEREDITARY HEMOCHRON
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
COUNTRY: USA
                                             ; LOCATION: 1..365
; OTHER INFORMATION:
; OTHER INFORMATION:
US-08-652-265-23
                              Protein
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                             NAME/KEY:
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                                                                                                                                      GCDMGPDGRLLRGYHQHAYDGKDYISLNEDLRSWTAADTVAQITQRFYRAEBYABBFRTY 180
                                                                                                                                                                                                       LEGECLELLRRYLENGLETLQRADPPKAHVAHHPISDHEATLRCWALGFYPARITLTWQR 240
                                                                 AAI PRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNILRRYNQSEAGSHTLQGMN 120
                                                                                        DGERQTQDTELVETRPAGDGTFQKWAAVVVPSGEEQRYTCHVQHEGLPQPLILKWEQSPQ 300
                                                                                                                                                                                                                                                                                                  PTIPIVGIVAGLVVLGAVVTGAVVAAVMWRKKSSDRNRGSYSQAAVTDSAQGSGVSLTAN 360
                                                                                                                                                                                                                                                                                                                                                                   MAPRSILLILISGALALTDTWAGSHSLRYFSTAVSRPGRGEPRYIAVEYVDDTQFLRFDSD 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Drayna, Dennis T.
APPLICANT: Feder, John N.
APPLICANT: Gnirke, Andreas
APPLICANT: Ruddy, David
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Hereditary Hemochromatosis Gene
NUMBER OF SEQUENCES: 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/652,265
FILING DATE: 23-MAY-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 17957-000500
TELECOMMULCATION INFORMATION:
TELECOMMULCATION INFORMATION:
TELEPACK: (415) 576-0200
TELEPAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 23: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-652-265-23
; Sequence 23, Application US/08652265
; Patent No. 6025130
; GENERAL INFORMATION:
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TYPE: amino acid
STRANDEDNESS:
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MOLECULE TYPE: protein
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61 AAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMN 120
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                                  APPLICANT: Casrouge, Armanda
TITLE OF INVENTION: Altered Major Histocompatibility Complex
TITLE OF INVENTION:
TIMBER OF SEQUENCES: 127
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 365;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   52; Indels
                                                                                                                                                                              Garrett
                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/370,476
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 77.9%; Score 1497; DB 2; Best Local Similarity 77.6%; Pred. No. 1e-139; Matches 281; Conservative 29; Mismatches 52;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    05243.0001-01000
                                                                                                                                                                      ADDRESSEE: Finnegan, Henderson, Farabow, ADDRESSEE: Dunner
                                                                                                                                                                                                                               1300 I Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/117,575
FILING DATE: 07-SEP-1993
APPLICATION NUMBER: US 08/072,787
FILING DATE: 06-UN-1993
PRIOR APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
PRIOR APPLICATION NUMBER: US 07/792,473
FILING DATE: 15-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: MEYERSTATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 
                                                                                                                                                                                                                         STREET: 1300 I Street, N.W., Suite CITY: Washington STARE: D.C. ZIP: 20005-3315
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 100:
SEQUENCE CHARACTERISTICS:
              Ojcius, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; MOLECULE TYPE: peptide US-08-370-476-100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        64 AASQRMEPRAPWIEQEGPEYWDGETRKVKAHSQTHRVDLGTLRGYYNGSEAGSHTLQMMF 123
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Best Local Similarity 77.9%; Pred. No. 1e-139;
Matches 282; Conservative 28; Mismatches 52; Indels
                                                                                                                                                                                                                                                                                                                                            8907-0056-999
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/632,673
FILING DATE: 16-APR-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,912
FILING DATE: 04-APR-1996
CLASSIFICATION: 514
ATTOCNEY/AGENT INFORMATION:
NAME: POissant, Brian M:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 100, Application US/08370476
Patent No. 6153408
GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Abateado, Jean-Pierre
APPLICANT: Kourilsky, Phillipe
APPLICANT: Lone, Yu-Chun
                                                                                                                                                                                                                                                                             NAME: Polseant, Brian M.
REGISTRATION NUMBER: 28,462
REPRENCE/DOCKET NUMBER: 9907
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4935
TELERAX: 650-493-556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                               28,462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: protein
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US-08-834-497A-23
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304 PTIPIVGIIAGLVLFGAVITGAVVAAVMWRRKSSDRKGGSYSQAASSDSAQGSDVSLTAC 363
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                                                                                                                                                                                                   APPLICANT: Thomas, Winston J.
APPLICANT: Drayna, Dennis T.
APPLICANT: Peder, John N.
APPLICANT: Gairke, Andreas
APPLICANT: Guirke, Andreas
APPLICANT: Ruddy, David
APPLICANT: Ruchihashi, Zenta
APPLICANT: Wolff, Roger K.
TITLE OF INVENTION: Hereditary Hemochromatosis Gene
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8907-0088-999
                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             UMBER: US/09/503,444A
14-Feb-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WordPerfect Version 8
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/503,444P
FILING DATE: 14-Peb-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/652,265
FILING DATE: 23-May-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/632,673
FILING DATE: 16-Apr-1996
PRIOR APPLICATION NUMBER: 08/630,912
FILING DATE: 04-Apr-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                 Sequence 23, Application US/09503444A Patent No. 6228594 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REPERENCE/DOCKET NUMBER: 8907
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-990-9990
TELEPAX: 212-869-9741
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INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
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TYPE: amino acid
STRANDEDNESS:
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Best Local Similarity 77.9°
Matches 282; Conservative
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OTHER INFORMATION:
OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                            CITY: New York
STATE: New York
COUNTRY: USA
                                 . 361 KV 362
                                                                364 KV 365
                                                                                                                                   US-09-503-444A-23
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                                                                       AAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMN 120
                                                                                                   4 MAPRILVLILSGALALTQTWAGSHSWRYFFTSVSRPGRGEPRFIAVGYVDDTQFVRFDSD 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Kourlisky, Philippe
TITLE OF INVENTION: Complex (MHC) Determinant and Methods for Using the
TITLE OF INVENTION: Determinant
NUMBER OF SEQUENCES: 127
CORRESPONDENCE ADDRESS:
ADDRESSE: Pinnegan, Henderson, Farabow, Garrett &
                                                                                                                                                                   121 GCDMGPDGRLLRGYHQHAYDGKDYISLNEDLRSWTAADTVAQITQRFYEAEEYAEEFRTY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CYATE: D.C.
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS--MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/484,905
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REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 03495.0106-03000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 1300 I Street, N.W., Suite 700 CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PILING DATE: 07-UNB-1995
CLASSIFICATION: 530
PRIOR APPLICATION 530
PRIOR PAPLICATION DATE: 05/0801,818
PILING DATE: 05-DEC-1991
CLASSIFICATION DATE: 05-DEC-1991
PRIOR APPLICATION DATE: US 07/792,473
PILING DATE: 15-NOV-1991
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION: NAME: POLLEY, Jane B. R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 99, Application US/08484905
Patent No. 5976551
GENERAL INFORMATION:
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TELEPHONE: 202-408-4000
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GCDMGPDGRLLRGYHQHAYDGKDYISLNEDLRSWTAADTVAQITQRFYEAEEYAEEFRTY 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DGEDQTQDTELVETRPAGDGTPQKWAAVVVPSGQEQRYTCHVQHEGLPKPLTLPWEPSSQ 303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PIIPIVGIVAGLVVLGAVVTGAVVAAVMWRKKSSDRNRGSYSQAAVTDSAQGSGVSLTAN 360
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                                                                                                                                                                                                    Query Match 77.7%; Score 1494; DB 1; Length 365; Best Local Similarity 77.3%; Pred. No. 2e-139; Matches 280; Conservative 30; Mismatches 52; Indels
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APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Abustado, Jean-Pierre
APPLICANT: Abustado, Jean-Pierre
TITLE OF INVENTION: An Altered Major Histocompatibility
TITLE OF INVENTION: Complex(MHC) Determinant and Methods
TITLE OF INVENTION: Determinant
NUMBER OF SEQUENCES: 127
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Finnegan, Henderson, Farabow, Garrett ADDRESSEE: Dunner STREET: 1300 I Street, N.W., Suite 700 CITY: Washington STATE: D.C. STATE: P.C. STA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
RPPLICATION NUMBER: US/08/484,905
FILING DATE: 07-UNB-1995
CLASSIPICATION: 530
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APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/792,473
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OPERATING SYSTEM: PC-DOS-/MS-DOS
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Patent No. 5976551
LENGTH: 365 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                MOLECULE TYPE: peptide
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       ; LENGTH: 3(
; TYPE: ami);
; TOPOLOGY:
; MOLECULE TYP!
US-08-484-905-99
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US-08-484-905-104
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Patent No. 6011146
GENERAL INPORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Abustado, Jean-Pierre
APPLICANT: Abustano, Jean-Pierre
TITLE OF INVENTION: Altered Major Histocompatibility Complex
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
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77.3%; Pred. No. 2e-139;
tive 29; Mismatches 53;
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ADDRESSEE: Finnegan, Henderson, Farabow, Gai
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
ZIP: 20005-3315
COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
COMPUTER: PR PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.
                                                                                                                          03495.0106-03000
                  CLASSIFICATION: 530
ATTORNEY AGENT INFORMATION:
NAME: POTLET, Jane B. REGISTRATION NUMBER: 33,332
REPREBUGE/DOCKET NUMBER: 03495
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-400
INFORMATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
FILING DATE: 15-NOV-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches 280; Conservative
                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                               TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Similarity
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US-08-481-985B-99
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STREET: 1300 I Street, N.W., Suite 700 CITY: Washington
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 104: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 365 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 77.33
Matches 280; Conservative
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US-08-370-476-99
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Patent No. 6011146
GENERAL INFORMATION:
APPLICANT: Absetado, Jean-Pierre
APPLICANT: Absetado, Jean-Pierre
APPLICANT: Acutilsky, Phillipe
TITLE OF INVENTION: Altered Major Histocompatibility Complex
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                   77.7%; Score 1494; DB 2; Length 365; 77.3%; Pred. No. 2e-139; Live 30; Mismatches 52; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                   52; Indels
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CORRESPONDENCE ADDRESS:
ADDRESSER: Finnegan, Henderson, Parabow, Garrett
                                                                                                                                                                                                 NAME: Meyers, Kenneth J.
REGISTATION NUMBER: 25,146
RETERENCE/DOCKET NUMBER: 03495.0106-04000
TELECOMMUNICATION INPORMATION:
TELEPAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 99:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TYPE: amino acid
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,985B
PILING DATE: 07-UN-1995
CLASSIFICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/801,818
PILING DATE: 05-DEC-1991
CLASSIFICATION ATA:
APPLICATION NUMBER: US 07/792,473
PILING DATE: 15-NOV-1991
CLASSIFICATION: 435
PILING DATE: 15-NOV-1991
CLASSIFICATION: 435
                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 77.3% Matches 280; Conservative
                                                                                                                                                                                                                                                                                                                                                                     ; MOLECULE TYPE: peptide US-08-481-9858-99
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US-08-481-985B-104
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61 AAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMN 120
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CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: 435
FILING DATE: 05-DEC-1991
CLASSIFICATION: 435
FILING DATE: 05-DEC-1991
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: 435
ATTOWNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REGISTRATION NUMBER: 25,146
REGISTRATION NUMBER: 202-408-4000
TELEPHONE: 202-408-4000
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DGEEQTQDTELVETRPAGDGTFQKWAAVVVPSGEEQRYTCHVQHEGLPQPLILRWEQSPQ 300
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CITY: Washington
STATE: D.C.
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEO ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05:
TELECOMMUNICATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                Mottez, Estelle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 365 amino acids
amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Mottez
                                                                                                                                                                                                                     364 KV 365
                                                                                                                                                                            361 KV 362
                                                                                                                                                                                                                                                                                       RESULT 13
US-08-370-476-104
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 MAPRSLLLLSGALALTDTWAGSHSLRYFSTAVSRPGRGEPRYIAVBYVDDTQFLRFDSD
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                                                               APPLICANT: Abastado, Jean-Pierre
APPLICANT: Kourilsky, Phillipe
APPLICANT: Lore, Yu-Chun
APPLICANT: Ojcius, David
APPLICANT: Casrouge, Armanda
TITLE OF INVENTION: Altered Major Histocompatibility Complex
NUMBER OF SEQUENCES: 127
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 77.7%; Score 1494; DB 2; Length 365; Best Local Similarity 77.3%; Pred. No. 2e-139; Matches 280; Conservative 30; Mismatches 52; Indels
                                                                                                                                                                                                                                                                                                       STREET: 1300 I Street, N.W., Suite 700
CITY: Mashington
SIATE: D.C.
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BE PC compatible
COMPUTER: BE PC compatible
COMPUTER: BE PC compatible
COMPUTER: BE PC compatible
COMPUTER: BEATHIN PC compatible
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/370,476
                                                                                                                                                                                                                                                                   ADDRESSEE: Finnegan, Henderson, Farabow, Garrett
ADDRESSEE: Dunner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TORNEY/AGENT ANGELE NAME: MAYER MAYER KENDETH J. REGISTRATION UNDBER: 25,146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNDRER: US 08/117,575
FILING DATE: 07-5EP-1993
APPLICATION NUMBER: US 08/072,787
FILING DATE: 06-UTN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/92,473
FILING DATE: 15-NOV-1991
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 05.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
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INFORMATION FOR SEQ ID NO: 99:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TYPE: amino acids
                           GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear

MOLECULE TYPE: peptide
US-08-370-476-99
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244 DGEDQTQDTELVETRPAGDGTFQKWAAVVVPSGQEQRYTCHVQHEGLPKPLTLPWEPSSQ 303
                                                                    PTIPIVGIVAGLVVLGAVVTGAVVAAVMWRKKSSDRNRGSYSQAAVTDSAQGSGVSLTAN 360
                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Mostado, Jean-Pierre
APPLICANT: Mourilsky, Phillipe
APPLICANT: Lone, Yu-Chun
APPLICANT: Lone, Yu-Chun
APPLICANT: Casrouge, Armanda
TITLE OF INVENTION: Altered Major Histocompatibility Complex
TITLE OF INVENTION: 127
CORRESPONDENCES: 127
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ò
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 77.7%; Score 1494; DB 2; Best Local Similarity 77.3%; Pred. No. 2e-139; Matches 280; Conservative 29; Mismatches 53;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/370,476
FILING DATE:
CLASSIPICATION 1335
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/117,575
FILING DATE: 07-58F-1993
APPLICATION NUMBER: US 08/072,787
FILING DATE: 06-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
PRIOR APPLICATION NUMBER: US 07/801,818
FILING DATE: 15-NOV-1991
FILING DATE: 15-NOV-1991
ATTORNEY, AGENT: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                           ; Sequence 104, Application US/08370476
; Patent No. 6153408
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GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Mottez, Estelle
APPLICANT: Mottez, Satelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Kourilsky, Philippe
ITILE OF INVENTION: Complex(MHC) Determinant and Methods for Using the
ITILE OF INVENTION: Complex(MHC) Determinant and Methods for Using the
ITILE OF INVENTION: Determinant
NUMBER OF SEQUENCES: 127
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
COMPATIBLE TELLOR FORM:
COM
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                                                                                                                                                                                                                                                Length 365;
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77.3%; Pred. No. 5.1e-139;
clve 29; Mismatches 53;
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Patent No. 5976551
                                          : 365 amino acids
amino acid
                                                                                                                                                                                                                                                                        Best Local Similarity 77.3
Matches 280; Conservative
          SEQUENCE CHARACTERISTICS
                                                                                               TOPOLOGY: linear
MOLECULE TYPE: peptide
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US-08-484-905-98
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                                                                                                                                                                  121 GCDMGPDGRLLRGYHQHAYDGKDYISLNEDLRSWTAADTVAQITQRFYEABEYAEEFRTY 180
                                                                                                                                                                                                                                                                                                     181 LEGECLELLRRYLENGLETLQRADPPKAHVAHHPISDHEATLRCWALGFYPAEITLTWQR 240
                                                                                                                                                                                                                                                                                                                                                                                                                                           AAIPRMEPREPWVEQEGPQYWEWTIGYAKANAQIDRVALRNILRRYNQSEAGSHTLQGMN 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DGEEQTQDTELVETRPAGDGTFQKWAAVVVPSGEEQRYTCHVQHEGLPQPLILRWEQSPQ 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 244 DGEDQTQDTELVETRPAGDGTFQKWVAVVVPSGQEQRYTCHVQHEGLPKPLTLPWEPSSQ 303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PTIPIVGIVAGLVVLGAVVTGAVVAAVMWRKKSSDRNRGSYSQAAVTDSAQGSGVSLTAN 360
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APPLICANT: Abastado, Jean-Pierre
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Kourilsky, Philippe
TITLE OF INVENTION: Complex(MHC) Determinant and Methods for Using the
TITLE OF INVENTION: Deforminant
NUMBER OF SEQUENCES: 127
CORRESPONDENCE ADDRESS:
ADDRESSE: Finnegan, Henderson, Farabow, Garrett & ADDRESSE: Dunner
STRET: 1300 I Street, N.W., Suite 700
                                   4 MAPRILVLLISGALAITQTWAGSHSWRYFYTSVSRPGRGEPRFIAVGYVDDTQFVRFDSD
MAPRSLLLLLSGALALTDTWAGSHSLRYFSTAVSRPGRGEPRYIAVBYVDDTQFLRFDSD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Washington
STATE: D.C.
ZITY: ASSOCIATED TO CONTINUE TO CONTI
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Patent No. 5976551
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          33,332
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TELECOMMUNICATION INFORMATION
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Potter, Jane B. R. REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: 202-408-400
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               361 KV 362
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 244 DGEDQTQDTELVETRFAGDGTFQKWAAVVVPSGQEQRYTCHVQHEGLPRDLTLFWBPSSQ 303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PTIPIVGIVAGLVVLGAVVTGAVVAAVMWRKKSSDRNRGSYSQAAVTDSAQGSGVSLTAN 360
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                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                             Query Match 77.5%; Score 1490; DB 1; Length 365; Best Local Similarity 77.3%; Pred. No. 5.1e-139; Matches 280; Conservative 29; Mismatches 53; Indels
APPLICATION NUMBER: US 07/792,473
FILING DATE: 15-NOV-1991
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: POELET, Jane E. R.
REGISTRATION UNBER: 33,332
REFERENCE/DOCKET NUMBER: 03495.0106-03000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4400
INFORMATION FOR SEQ ID NO: 98:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TYPE: amino acid
TYPE: amino acid
MOLECULE TYPE: peptide
US-08-484-905-98
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KV 365
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Search completed: April 7, 2006, 12:41:56 Job time : 36.7321 secs

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326, App
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                                                                                                                                                                                                                                                                                                     MAPRSLLLLLSGALALTDTW.....QAAVTDSAQGSGVSLTANKV 362
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(cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*

cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*

cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd
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US-10-25-021-82
US-10-631-467-624
US-10-631-467-624
US-10-408-765A-1887
US-10-287-436A-1268
US-10-287-436A-126
US-10-287-436A-1268
US-10-741-601-325
US-10-741-601-326
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US-10-741-601-326
US-10-741-601-340
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US-10-287-436A-1267
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PTIPIVGIVAGLVVLGAVVTGAVVAAVMWRKKSSDRNRGSYSQAAVTDSAQGSGVSLTAN

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Sequence 4, Application US/09819371
Publication No. US20040053344A1
Publication No. US20040053344A1
AENERAL INFORMATION:
APPLICANT: EGAWA, Kohji
TITLE OF INVENTION: Using Thereof
FILE REFERENCE: 30815
CURRENT APPLICATION NUMBER: US/09/819,371
CURRENT PILING DATE: 2002-03-15
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.0
SEQ ID NO 4
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     Sequence 1138, Ap
Sequence 110, App
Sequence 1139, App
Sequence 1431, Ap
Sequence 1431, Ap
Sequence 72, Appl
Sequence 72, Appl
Sequence 156, App
Sequence 174, Appl
Sequence 174, Appl
Sequence 176, Appl
Sequence 152, Appl
Sequence 152, Appl
Sequence 152, Appl
Sequence 15, Appl
Sequence 15, Appl
Sequence 15, Appl
Sequence 23, Appli
Sequence 24, Appli
Sequence 27, Appli
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US-10-741-600-1138

US-10-482-029-110

US-10-741-601-1379

US-10-0741-600-1139

US-09-925-301-1431

US-10-085-189-72

US-10-108-189-72

US-10-110-172-156

US-10-110-172-174

US-10-085-1198-68

US-10-085-1198-68

US-10-085-1198-68

US-10-430-944-15

US-10-430-944-15

US-10-430-944-15

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Matches 362; Conservative
        TYPE: PRT
ORGANISM: Homo sapiens
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US-09-819-371-4
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121 GCDMGPDGRLLRGYHQHAYDGKDYISLNEDLRSWTAADTVAQITQRFYEAEEYAEEFRTY 180
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| Publication No. US20040101874A1
| GENERAL INFORMATION |
| APPLICANT Ghosh, Soumitra S. |
| APPLICANT Shosh, Soumitra S. |
| APPLICANT Shosh, Boin D. |
| APPLICANT Ghosh, Bradford W. |
| APPLICANT Glosn, Bradford W. |
| APPLICANT WARNOW INSTITED IN THE MITOCHONDRIAL PROTEOME FILE REFERENCE: 66008 4.65 |
| CURRENT PILING DATE: 2003-04-04 |
| CURRENT PILING DATE: 2003-04-04 |
| SOFTWARE FASTSEQ for Windows Version 4.0 |
| SEQ ID NO 1887 |
| FEALTH OF THE PROPERTY OF THE PROPORTY OF TH
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                                                                                                                                                                                                                                                                                       Length 362;
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Best Local Similarity 98.0%; Pred. No. 2.3e-163;
Matches 345; Conservative 0; Mismatches 7;
                                                                                                                                                                                                                                                                                       99.7%; Score 1916; DB 5;
99.7%; Pred. No. 8.3e-171;
iive 0; Mismatches 1;
PRIOR APPLICATION NUMBER: JP 2002-229312
PRIOR FILING DATE: 2002-08-06
NUMBER OF SEQ ID NOS: 2086
SOFTWARE: Patentin version 3.1
SEQ ID NO 624
LENGTH: 362
                                                                                                                                                                                                                                                                                                                     Best Local Similarity 99.7
Matches 361, Conservative
                                                                                                                                                                         TYPE: PRT; ORGANISM: Homo sapiens
US-10-631-467-624
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US-10-631-467-624
US-10-631-467-624

Sequence 624, Application US/10631467

Publication No. US20050208496A1

GENERAL INFORMATION:
APPLICANT: Genox Research Inc.
TITLE OF INVENTION: Method for testing for broncheal asthma, or chronic obstructive |
TITLE OF INVENTION: disease
FILE REFERENCE: 3462-1005-000

CURRENT PAPLICATION NUMBER: US/10/631,467

CURRENT PILING DATE: 2003-07-31

PRIOR APPLICATION NUMBER: JP 2003-077-212

PRIOR FILING DATE: 2003-03-20
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                                                                                            Sequence 82, Application US/10257021

Sequence 82, Application US/10257021

Sequence 82, Application US/10257021

Sequence 82, Application US/10257021

SERVEAL INFORMATION:
APPLICANT: Morin. Patrice J.
APPLICANT: Pizer, Ellen S.
APPLICANT: Hough, Colleen D.
TITLE OF INFORMATION: TUMOR MARKERS IN OVARIAN CANCER
FILE REFERENCE: 14014.0369U2

CURRENT APPLICATION NUMBER: US/10/257,021

CURRENT FILING DATE: 2002-10-03

PRIOR PILING DATE: 2000-04-03

PRIOR FILING DATE: 2000-04-03

PRIOR FILING DATE: 2000-04-03

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 82

LENGTH. 362
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US-10-257-021-82
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Sequence 941, Application US/10741600
Publication No. US2050026169A1
GENERAL INFORMATION: US2050026169A1
GENERAL INFORMATION: GENERAL
TITLE OF INVENTION: GENERAL OPPRACEDIAL INFORMATION: METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WORDER: US/10/749
CURRENT APPLICATION NUMBER: US/10/741,600
CURRENT FILING DATE: 2003-12-22
NUMBER OF SEQ ID NOS: 73997
SOFTWARE: FRASESQ for Windows Version 4.0
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80.1%; Pred. No. 2e-135;
iive 26; Mismatches 46;
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Best Local Similarity 80.1*
Matches 290; Conservative
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ORGANISM: Homo sapiens
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US-10-287-436A-179
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US-10-741-600-941
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ORGANISM: Homo sapiens
FEATURE:
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY:
OTHER:
OTHER INFORMATION: Immunoglobulins and major histocompatibility complex proteins
OTHER INFORMATION: 7.750e-19, raw score of 13.17
FEATURE:
FEATURE:
OTHER INFORMATION: 7.750e-19, raw score of 13.17
COATION: (331)...(509)
OTHER INFORMATION: Class I Histocompatibility antigen, domains domain identified
OTHER INFORMATION: 451.8
US-10-450-761-57085
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LEGECLELLRRYLENGLETLORADPPKAHVAHHPISDHEATLRCWALGFYPAEITLTWOR
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Pred. No. 3.4e-157;
0; Mismatches 2;
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US-10-450-763-57085
i Sequence 57085, Application US/10450763
j Publication No. US20050196754A1
i GENERAL INFORMATION:
i APPLICANT: Hyeeq, Inc.
i TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLY
i TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLY
i TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLY
i FILE REFERENCE: 790C1P3/US
CURRENT PAPLICATION NUMBER: US/10/450,763
CURRENT FILING DATE: 2003-06-11
PRIOR APPLICATION NUMBER: PCT/US01/08631
j PRIOR APPLICATION NUMBER: 09/540,217
PRIOR APPLICATION NUMBER: 09/540,217
j PRIOR PILING DATE: 2000-03-31
j PRIOR PILING DATE: 2000-08-23
j NUMBER OF SEQ ID NOS: 60736
j SEQ ID NO 57085
j LENGTH: 677
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Best Local Similarity 99.4%;
Matches 332; Conservative 0
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KV 362
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                                                                                                                                                                                                                  79.0%; Score 1518; DB 5; Length 365; 78.2%; Pred. No. 1.9e-133; ive 31; Mismatches 48; Indels
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TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: RHEDWARDID ARTHRITIS
FILE REPERENCE: 10072.514696
CURRENT APPLICATION NUMBER: US/10/287,436A
CURRENT PILING DATE: 2002-10-31
PRIOR APPLICATION NUMBER: US 60/336,220
PRIOR FILING DATE: 2001-10-31
NUMBER OF SEQ ID NOS: 1446
SQOID NO 1268
LENGTH: 365
HAPLICANT: CHILDREN'S HOSPITAL MEDICAL CENTER
TITLE OF INVENTION: METHOD FOR DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: RHEUMATOID ARTHRITIS
FILE REPERENCE: 10872.514696
CURRENT APPLICATION NUMBER: US/10/287,436A
CURRENT APPLICATION NUMBER: US 60/336,220
PRIOR APPLICATION NUMBER: 2002-10-31
NUMBER OF SEQ ID NOS: 1446
SEQ ID NOS: 1446
SEQ ID NO 179
LENGTH: 365
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Matches 283; Conservative
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Matches 283; Conservative
                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
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KV 365
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US-10-287-436A-1268
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ORGANISM: Homo
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4 MAPRILVLILSGALALIQIWAGSHSMRYFYISVSRPGRGEPRFIAVGYVDDIQFVRFDSD
                                                                                                                                                                                                                                                          244 DGEDQTQDTELVETRPAGDGTFQKWASVVVPSGQEQRYTCHVQHEGLPKPLTLRWEPSSQ
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                                                                                                                                               121 GCDMGPDGRLLRGYHQHAYDGKDYISLNEDLRSWTAADTVAQITQRFYEAEEYAEFRTY
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Sequence 325.
Publication No. US20040166519A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOOLSOO
CURRENT APPLICATION NUMBER: US/10/741,601
CURRENT FILING DATE: 2003-12-22
NUMBER OF SEQ ID NOS: 26415
SOFTWARE: FASTSEG for Windows Version 4.0
SEQ ID NO 325
LENGTH: 365
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ORGANISM: Homo sapiens
US-10-741-601-325
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RESULT 12
US-10-741-600-940
US-10-741-600-940

Sequence 940, Application US/10741600
Publication No. US20050026169A1
GENERAL INFORMATION:
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: MYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/10/741,600
CURRENT FILING DATE: 2003-12-22
NUMBER OF SEQ ID NOS: 73997
SOCTWARE: RestSEQ for Windows Version 4.0
SEQ ID NO 940
LENGTH: 365
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                                                                                                                     Query Match 78.5%; Score 1509; DB 5; Best Local Similarity 78.5%; Pred. No. 1.3e-132; Matches 284; Conservative 26; Mismatches 52;
         ; SOFTWARE: FastSEQ for Windows Version 4.0; SEQ ID NO 939; LENGTH: 365; LENGTH: 365; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-741-600-939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Homo mapiens
US-10-741-600-940
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US-10-741-600-939

Sequence 939, Application US/10741600

Publication No. US20050026169A1

GENERAL INFORMATION:
APPLICANT: CARCILL, Michele et al.
TITLE OF INVENTION: WYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF

CURRENT APPLICATION NUMBER: US/10/741,600

CURRENT FILING DATE: 2003-12-22

NUMBER OF SEQ ID NOS: 73997
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61 AAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMN 120
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                                                                                                                                    RESULT 10
US-10-741-601-326
; Sequence 326, Application US/10741601
; Publication No. US20040166519A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GRENOSIS, METHODS OF DETECTION AND USES THEREOF; TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF; TITLE OF INVENTION: 2010-12-2
; NUMBER OF SEQ ID NOS: 25415
; SOFTWARE: PastSEQ for Windows Version 4.0
; SEQ ID NO 326
; LENGTH: 365
; TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LEGECLELLRRYLENGLETLQRADPPKAHVAHHPISDHEATLRCWALGFYPAEITLTWQR
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Best Local Similarity 78.5%; Pred. No. 1.3e-132;
Matches 284; Conservative 26; Mismatches 52;
                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Homo sapiens
US-10-741-601-326
                                                             KV 362
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KV 365
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KV 365
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61 AAIPRMEPREPWVEQEGPQYWEWTIGYAKANAQIDRVALRNILRRYNQSEAGSHTLQGMN 120
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                                                                                                                                                                                                                                                                                                                                                                 STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.30
CURENT APPLICATION NATA:
APPLICATION NUMBER: US/10/138,888
FILING DATE: 02-May-2002
CLASSIFICATION: - CUNKNOWN>
PRIOR APPLICATION: - CUNKNOWN>
PRIOR APPLICATION NUMBER: US 08/834,497
FILING DATE: 04-APR-1997
APPLICATION NUMBER: US 08/652,265
FILING DATE: 3-MAY-1996
APPLICATION NUMBER: US 08/652,265
FILING DATE: 16-APR-1997
APPLICATION NUMBER: US 08/632,673
FILING DATE: 16-APR-1996
APPLICATION NUMBER: US 08/632,673
FILING DATE: 16-APR-1996
APPLICATION NUMBER: US 08/630,912
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                                                                                                                                                                                                            Wolff, Roger K. INVENTION: Hereditary Hemochromatosis Gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          77.9%; Score 1497; DB 4; 77.9%; Pred. No. 1.7e-131:ive 28; Mismatches 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Brian M. Poissant
REGISTRATION NUMBER: 28, 462
REFERENCE/DOCKET NUMBER: 8907-095-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
                                                                                                                                                                                                                                                                                                  ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 1..365
OTHER INFORMATION: /note= '
Class I (MHC) protein"
SEQUENCE DESCRIPTION: SEQ ID NO:
; Sequence 23, Application US/10138888
; Publication No. US20030148972A1
; GENERAL INFORMATION:
    APPLICANT: Thomas, Winston J.
    Preder, John N.
    Gnirke, Andreas
; Ruddy, David
Tsuchihashi, Zenta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION
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                                                                                                                                                                                                                               TITLE OF INVENTION: HEAD NUMBER OF SEQUENCES: 75 CORRESPONDENCE ADDRESS
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Best Local Similarity 77.9%
Matches 282; Conservative
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; Publication No. US20050208496A1
; GENERAL INFORMATION:
    APPLICANT: Genox Research Inc.
; TITLE OF INVENTION: Method for testing for broncheal asthma, or chronic obstructive F
; TITLE OF INVENTION: disease
; TITLE OF INVENTION: disease
; FILE REFERENCE: 3462.1005.000
; CURRENT APPLICATION NUMBER: US/10/631,467
; CURRENT FILING DATE: 2003-07-31
; PRIOR APPLICATION NUMBER: UP 2003-077212
; PRIOR APPLICATION NUMBER: UP 2002-229312
; PRIOR FILING DATE: 2002-08-06
; NUMBER OF SEQ ID NOS: 2086
; SOUTWARE: PatentIn version 3.1
; SEQ ID NO 728
: LENGTH: 362
                                                                                                                                         DGEEQTQDTELVETRPAGDGTFQKWAAVVVPSGEEQRYTCHVQHEGLPQPLILRWEQSPQ 300
                                                                                                                                                                   PTIPIVGIVAGLVVLGAVVTGAVVAAVAMRKKSSDRNRGSYSQAAVTDSAQGSGVSLTAN 360
                                                                                                                                                                                                                                                          61 AAIPRMEPREPWVEQEGPOYWEWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMN 120
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    GCDVGSDGRFLRGYRQDAYDGKDYIALNEDLRSWTAADMAAQITQRKWEAARVAEQLRAY 183
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79.7%; Pred. No. 1.6e-132;
.ive 26; Mismatches 47; Indels
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Best Local Similarity 79.7
Matches 286; Conservative
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; ORGANISM: Homo sapiens
US-10-631-467-728
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US-10-138-888-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  304 SSLPIIPIMGIVAGLVVIAAVVTGAAVAAVLWRKKSSGKKGGSYSQAASSDSAQGSNVSL 363
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PRIOR APPLICATION NUMBER: 60/294,899
PRIOR FILING DATE: 2001-05-31
PRIOR PILING DATE: 2001-06-30
PRIOR PELLING DATE: 2001-06-30
PRIOR PILING DATE: 2001-06-30
PRIOR APPLICATION NUMBER: 60/299,027
PRIOR PILING DATE: 2001-06-39
PRIOR PELLING DATE: 2001-07-31
PRIOR PELLING DATE: 2001-07-31
PRIOR PELLING DATE: 2001-03-19
PRIOR PELLING DATE: 2001-03-09
PRIOR PELLORATION NUMBER: 60/275,235
PRIOR PELLING DATE: 2001-03-03
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Best Local Similarity 78.0%
Matches 284; Conservative
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; ORGANISM: Homo sapiens
US-10-093-463-78
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APPLICANT: Pena, Carola
APPLICANT: Burges, Catherine
APPLICANT: Burges, Catherine
APPLICANT: Spytek, Kimberly
APPLICANT: Spytek, Kimberly
APPLICANT: Spytek, Kimberly
APPLICANT: Spaderna, Steven
APPLICANT: Gorman, Linda
APPLICANT: Gorman, Linda
APPLICANT: Malyarkar, Uritel
APPLICANT, Malyarkar, Uritel
APPLICANT, Malyarkar, Uritel
APPLICANT, Malyarkar, Uritel
APPLICANT
                                                                          LEGECLELLERYLENGLETLQRADPPKAHVAHHPISDHEATLRCWALGFYPARITLTWQR 240
                                                                                                                     241 DGEEQTQDTELVETRPAGDGTFQKWAAVVVPSGEEQRYTCHVQHEGLPQPLILRWEQSPQ 300
                                                                                                                                                                                                                                                                         301 PTIPIVGIVAGLVVLGAVVTGAVVAAVMWRKKSSDRNRGSYSQAAVTDSAQGSGVSLTAN 360
                                                                                                                                                                                                                                                                                                                                                                                                                      124 GCDVGSDWRFLRGYHQYAYDGKDYIALKEDLRSWTAADMAAQTTKHKWEAAHVAEQLRAY 183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 78, Application US/1003463
Publication No. US20030208039A1
GENERAL INFORMATION:
APPLICANT: Shenoy, Suresh
APPLICANT: Shenoy, Suresh
APPLICANT: Shenoy, Vadimir
APPLICANT: Causey, Vladimir
APPLICANT: Rakeful, Ramesh
APPLICANT: Asafell, Luca
APPLICANT: Asafell, Luca
APPLICANT: Smithson, Glennda
APPLICANT: Smithson, Glennda
APPLICANT: Gastan, Valerie
APPLICANT: Gasman, Stacie
APPLICANT: Casman, Stacie
APPLICANT: Gasman, Stacie
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Tchernev, Velizar
Gangolli, Bsha
Vernet, Corine
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us-09-819-371-6.rai

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Sequence 8242, Ap Sequence 6176, Ap Sequence 6136, Ap Sequence 104, App Sequence 104, App Sequence 100, App Sequence 100, App Sequence 100, App Sequence 99, Appl Sequence 99, Appl Sequence 99, Appl Sequence 99, Appl
                                                                                                                                         7, 2006, 12:39:36 ; Search time 21.2221 Seconds (without alignments) 837.583 Million cell updates/sec
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1173
1 IAVEXVDDTGFLRFDSDAAI......QRDGEEQTQDTELVETRPAG 215
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GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd
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/cgn2_6/ptodata/1/iaa/H_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PcTuS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/RR_COMB.pep:*
/cgn2_6/ptodata/1/iaa/RR_COMB.pep:*
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S-08-481-995-107
S-08-481-995-107
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Gapop 10.0 , Gapext 0.5
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Maximum DB
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Sequence 8122, Application US/09949016

Sequence 8122, Application US/09949016

Patent No. 6812339

SEGNERAL INPORMATION:

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

NUMBER OF SEQ ID NOS: 207012

SOUTHARE: FRAELESEQ for Windows Version 4.0
    97, Appl
98, Appl
23, Appl
97, Appl
23, Appl
105, App
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106, App
106, App
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TQRFYEAEBYAEBFRTYLEGECLELLRRYLENGKETLQRADPPKAHVAHHPISDHEATLR 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   223
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US-08-481-965B-97
US-08-652-265-93
US-08-652-265-23
US-08-370-476-97
US-08-370-476-98
US-08-370-476-98
US-09-503-444A-23
US-08-444-965-105
US-08-444-965-105
US-08-481-965-106
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US-08-370-476-106
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    Query Match
Best Local Similarity
  TYPE: PRT
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-949-016-8242
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Sequence 1, Application US/08222851 Patent No. 5723128

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Sequence Sequence Sequence Sequence Sequence Sequence

Sequence Sequence Sequence

S-08-481-985B-102 S-08-370-476-102 S-08-484-905-97 S-08-484-905-98

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Similarity
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US-09-949-016-6176
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US-09-949-016-8636
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                                                                                                                                           LENGTH: 338
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Batent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CLOO1307

CURRENT APPLICATION NUMBER: US/09/949,016

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 83 GYYNQSEAGSHTIQRMYGCDVGPDGRLLRGYHQYAYDGKDYIALNEDLRSWTAADTAAQI 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TORFYEAEEYAEEFRTYLEGECLELLRRYLENGKETLQRADPPKAHVAHHPISDHEATLR 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 IAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLL
APPLICANT: CLAYBERGER, CAROL A.
APPLICANT: KRENSKY, ALAN M.
APPLICANT: PARHAM, PETER
TITLE OF INVENTION: CYTOTOXIC T-CELL LYMPHOCYTE ("CTL")
TITLE OF INVENTION: ACTIVITY REGULATION BY CLASS I MHC PEPTIDES
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSE: MORRISON & FORESTER
STREET: 2000 PENNSYLVANIA AVENUE, NW, STE 5500
CITY: WASHINGTON
STATE: OCCUMTRY: USA
ZIP: 2006-1812
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 80.1%; Score 940; DB 1; Length 274; Best Local Similarity 80.5%; Pred. No. 1.8e-89; Matches 173; Conservative 14; Mismatches 28; Indels
                                                                                                                                                                                                                                                                               COMPUTER: ELOPOY disk
MEDIUM TYPE: Floppy disk
COMPUTER: ELBM PC compatible
COMPUTER: ELBM PC compatible
COMPUTER: TEM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,851
FILING DATE: 05-APR-1994
CLASSIFICATION: OSERT A.
REGISTRATION NUMBER: 36.217
REFERENCE/DOCKET NUMBER: 28600-20200.22
TELEPRONE: (202) 897-1500
TELEFRAX: (202) 897-1500
TELEFRAX: (202) 897-1500
TELEFRAX: (202) 494-0792
TELEFRAX: (202) 494-0792
TELERAX: (202) 494-0792
TELERAX: (202) 494-0792
TELERAX: AMINO GRIGH
SEQUENCE CHARACTERISTICS:
LENGTH: 274 amino acids
TYPE: amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-949-016-6176
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                                                                                                                                                                                                                                                                                                                                                                                                                         121 TQRFYEAEEYAEEFRTYLEGECLELLRRYLENGKETLQRADPPKAHVAHHPISDHEATLR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             61 RRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAWDGKDYISLNEDLRSWTAADTVAQI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               108 GYYNGSEASSHTLGWMIGCDLGSDGRLLRGYEQYAYDGKDYLALNBDLRSWTAADTAAQI
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                                                                                                                                                                                                                                                                               1 IAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLL
                                                                                                                                                                                                                                                                                                                                                    61 RRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAWDGKDYISLNEDLRSWTAADTVAQI
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                                                                                                                                                                                                               Length 338;
                                                                                                                                                                                                                                                35; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            181 CWALGFYPARITLIWQRDGEEQTQDTELVETRPAG 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                227 CWALGFYPAEIILTWQRDGEDQTQDVELVETRPAG 261
                                                                                                                                                                                                           Query Match

74.1%; Score 869; DB 2;
Best Local Similarity 74.9%; Pred. No. 5.7e-82;
Matches 161; Conservative 19; Mismatches 35
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-100-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FREUSEQ for Windows Version 4.0
SEQ ID NO 6176
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    61 RRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAWDGKDYISLNEDLRSWTAADTVAQI 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 104, Application US/08484905
Batent No. 2976551
GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Courtlsky, Philippe
TITLE OF INVENTION: Complex(MHC) Determinant and Methods for Using the
TITLE OF INVENTION: Determinant
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 IAVEYUDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      121 TORFYBABBYARBFRTYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHBATLR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS-MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,905
FLING DATE: US/08/484,905
FLING APPLICATION DATA:
APPLICATION NUMBER: US/07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION NUMBER: US 07/801,818
FILING DATE: 15-NOV-1991
CLASSIFICATION S30
PRIOR APPLICATION: S30
PRIOR APPLICATION: S30
PRIOR APPLICATION: S30
ATTORNEY/AGENT INFORMATION:
NAME: POETEr, Jane E. R.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 30,3494
TELERDHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Finnegan, Henderson, Farabow, Garrett ADDRESSEE: Dunner STREET: 1300 I Street, N.W., Suite 700 CITY: Washington
           73.1%; Score 857; DB 1; 73.5%; Pred. No. 1.1e-80; ive 18; Mismatches 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 365 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 73.54
Matches 158; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-484-905-104
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61 RRYNQSBAGSHTLQGMNGCDMGPDGRLLRGYHQHAWDGKDYISLNEDLRSWTAADTVAQI 120
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                                                                                RESULT 6
US-08-481-985B-104

i Sequence 104, Application US/08481985B

j Patent No. 6011146

i GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Altered Major Histocompatibility Complex
ITILE OF INVENTION: Altered Major Histocompatibility Complex
ITILE OF INVENTION:
NUMBER OF SEQUENCES: 148

CORRESPONDENCES: 148

ADDRESSER: Finnegan, Henderson, Farabow, Garrett &
ADDRESSER: Dunner
ADDRESSER: Dunner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITI: MEASILING CONDESTITE: MEASILING CONDESTITE: AD.C.

ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Dara:
APPLICATION NUMBER: US/08/481,985B
FILING DATE: 07-UN-1995
CLASSIFICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION NUMBER: US 07/801,818
FILING APPLICATION HAS
PRICK APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION NUMBER: US 07/792,473
FILING DATE: LOSSIFICATION NUMBER: US 07/792,473
FILING DATE: LOSSIFICATION NUMBER: US 07/792,473
FILING DATE: LOSSIFICATION NUMBER: US 07/792,473
227 CWALSFYPARITLTWQRDGEDQTQDTELVETRPAG 261
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NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 03.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               365 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           202-408-4400
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US-08-481-985B-104
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227 CWALSFYPARITLIWQRDGBDQTQDTELVETRPAG 261
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                                                                                      US-08-370-476-100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   121 TORFYBABEYABEFRTYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHEATLR 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 IAVEYVDDTQFLRFDSDAAIPRMEPREPWEQEGPQYWEWTTGYAKANAQTDRVALRNLL 60
                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Kourilsky, Phillipe
TITLE OF INVENTION:
NUMBER OF SEGUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSER: Finnegan, Henderson, Farabow, Garrett & ADDRESSER: Dunner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   73.0%; Score 856; DB 2; Length 365; 73.5%; Pred. No. 1.4e-80; tive 18; Mismatches 39; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         39; Indels
                                                                                                                                                                                                                                                                                                                                                                             STATE: D.C.
STATE: D.C.
ZIP: 20105-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,985B
FILING DATE: 07-UN-1995
FILING DATE: O7-UN-1995
           CLASSIFICATION: 435
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: 435
PRIOR DATE: 15-NOV-1991
CLASSIFICATION: 435
ATTORNAY AGENT INFORMATION:
NAME: MAYER Kenneth J.
REGISTRATION NUMBER: 25,146
REGISTRATION NUMBER: 25,146
REGISTRATION NUMBER: 25,146
REGISTRATION NUMBER: 25,146
REGISTRATION NUMBER: 202-406
                                                                                                                                                                                                                                                                                                                                    ADDRESSER: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
                                                                                                 RESULT 9
US-08-481-985B-100
; Sequence 100, Application US/08481985B
; Patent No. 6011146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAK: 202-408-4400
INFORMATION FOR SEQ ID NO: 100: SEQUENCE CHARACTERISTICS: LENGTH: 365 amino acids
TYPE: amino acid
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Best Local Similarity 73.5
Matches 158; Conservative
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47 IAVGYVDDTQFVRFDSDAASQRMEPRAPWIEQEGPBYWDGETRKVKAHSQTHRVDLSTLR 106
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 IAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLL
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                                                                                                          APPLICANT: Abastado, Jean-Pierre
APPLICANT: Kourilsky, Phillipe
APPLICANT: Lone, Yu-Chun
APPLICANT: Ojcius, David
APPLICANT: Casrouge, Armanda
TITLE OF INVENTION: Altered Major Histocompatibility Complex
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
73.0%; Score 856; DB 2; Length 365;
Best Local Similarity 73.5%; Pred. No. 1.4e-80;
Matches 158; Conservative 18; Mismatches 39; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SITAIE: D.C.

SITAIE: D.C.

SITAIE: D.C.

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SUSTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/370,476
FILING DATE: 07.58P-1993
APPLICATION NUMBER: US 08/117,575
FILING DATE: 06-JUN-1993
PRIOR APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/92,473
FILING DATE: 15-NOV-1991
ATTOMESTY INFORMATION:
ANDAME: MAGNET INFORMATION:
NAMME: MAGNET
                                                                                                                                                                                                                                                                                                                                                                      Finnegan, Henderson, Farabow, Garrett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05243.0001-01000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFRAX: 202-408-4400
                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 1300 I Street, N.W., Suite 700 CITY: Washington STATE: D.C.
; Sequence 100, Application US/08370476; Patent No. 6153408; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 100:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
                                                                                        Estelle
                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan,
ADDRESSEE: Dunner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-370-476-100
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167 TKHKWETAHEAEQWRAYLEGTCVEWLRRYLENGKETLQRIDAPKTHWTHHAVSDHEATLR 226
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 IAVEYVDDTQFLRPDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLL 60
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                                                                                                                                                                                                                                                                                                         Sequence 99, Application US/08481985B
; Sequence 99, Application US/08481985B
; Patent No. 6011146
; GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Mottez, Daniberre
APPLICANT: Moutilaky, Phillipe
TITLE OF INVENTION: Altered Major Histocompatibility Comparise OF INVENTION: Altered Major Histocompatibility Compares OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSE: Pinnegan, Henderson, Farabow, Garrett & ADDRESSE: Pinnegan, Henderson, Farabow, Garrett & STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   39; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: WASHINGTON
CITY: WASHINGTON
CITY: WASHINGTON
ZIP: 2005-3315
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,985B
FILING DATE: 07-JUN-1995
FILING DATE: 07-JUN-1995
FILING DATE: 05-DEC-1991
CLASSIFICATION: 435
FILING DATE: 05-DEC-1991
CLASSIFICATION: 435
FILING DATE: 15-NOV-1991
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MEYERS KENNEMATION:
NAME: MEYERS KENNEMATION:
NAME: MEYERS KENNEMATION:
TELEPRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 25,146
REFERENCE COMMUNICATION INFORMATION:
TELEBRAK: 202-408-4000
TELEBRAK: 202-408-4000
                                                                                                                     Query Match 72.7%; Score 853; DB 2; Best Local Similarity 73.0%; Pred. No. 2.9e-80; Matches 157; Conservative 19; Mismatches 39.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 9'SEQUENCE CHARACTERISTICS:
TENGTH: 365 amino acids
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Sequence 99, Application US/08484905
Patent No. 5976551
GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Rourilsky, Philippe
TITLE OF INVENTION: Complex(MHC) Determinant and Methods for Using the TITLE OF INVENTION: Complex(MHC) Determinant and Methods for Using the TITLE OF INVENTION: Determinant
NUMBER OF SEQUENCES: 127
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner
ADDRESSEE: Dunner
ADDRESSEE: Dunner
ADDRESSEE: Dunner
ADDRESSEE: Dunner
ADDRESSEE: Dunner
ADDRESSEE: MADDRESSEE: MADDR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TORFYEAEEYAEEFRTYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHEATLR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATIONS SYSTEM:
CURRENT APPLICATION DATA:
PEDELICATION NUMBER: W6/08/484,905
FILING DATE: 0/-JUNE-1995
CLASSIPICATION NUMBER: W6/08/484,905
FILING APPLICATION DATA:
APPLICATION NUMBER: W6/08/18/18
FILING APPLICATION DATA:
APPLICATION NUMBER: W6 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION DATA:
APPLICATION NUMBER: W6 07/792,473
FILING DATE: 15-NOV-1991
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAMME: POELER: J303
ATTORNEY/AGENT INFORMATION:
NEGISTRATION NUMBER: 33,332
REPERENCE/DOCKET NUMBER: 33,332
REPERENCE/DOCKET NUMBER: 33,332
RELEPHONE: 202-408-4000
INFORMATION FOR SEQ ID NO: 99:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TTELEGRIN AND ACIDS
TTELEGRIN ACTUAL OF ACIDS
TTELEGRIN ACTUAL OF ACIDS
TTELEGRIN ACTUAL OF ACIDS
TTELEFRANTION OF SEQ ID NO: 99:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TTELEGRIN ACTUAL OF ACIDS
TTELEGRIN ACTUAL OF ACIDS
TTELEGRIN ACTUAL OF ACIDS
TTELEFRANTION OF SEQ ID NO: 99:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TTELEGRIN ACTUAL OF ACIDS
TTELEGRIN ACTUAL OF ACIDS
TTELEGRIN ACTUAL OF ACIDS
TTELEGRIN ACTUAL OF ACIDS
TTELEFRANTION OF SEQ ID NO: 99:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
                                                                                                                     215
                                                                                                                                                            CWALSFYPAEITLIWQRDGEDQTQDTELVETRPAG 261
                                                                                                                     181 CWALGFYPAEITLTWQRDGEEQTQDTELVETRPAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Weahington
STATE: D.C.
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS-/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 73.0°
Matches 157; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: peptide US-08-484-905-99
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US-08-484-905-99
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121 TORFYEAEEYAEEFRTYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHEATLR 180
                                       61 RRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAWDGKDYISLNBDLRSWTAADTVAQI 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       83 GYYNQSEAGSHTLQRMYGCDVGSDWRFLRGYHQYAYDGKDYIALKEDLRSWTAADMAAQT 142
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                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Rourlisky, Philippe
TITLE OF INVENTION: Complex (MHC) Determinant and Methods for Using the
TITLE OF INVENTION: Determinant
TITLE OF INVENTION: Determinant
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 IAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,905
FILING DATE: 07-JUNE-1995
CLASSIFICATION NUMBER: US/08/188,905
FILING DATE: 07-JUNE-1995
CLASSIFICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/792,473
FILING DATE: 15-NOV-1991
CLASSIFICATION S30
ATTORNEY/AGRNT INFORMATION:
NAMME: POCITE' Jane E. R.
REGISTRATION NUMBER: 33,332
REFERENCE/POCKET NUMBER: 33,332
REFERENCE/POCKET NUMBER: 33,332
REFERENCE/POCKET NUMBER: 03495.0106-03000
TELECOMMUNICATION NUMBER: 03495.0106-03000
                                                                                                                  181 CWALGFYPARITLTWQRDGEEQTQDTELVETRPAG 215
                                                                                                                                                 CMALSFYPAEITLIWQRDGEDQTQDTELVETRPAG 261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS-/MS-DOS
                                                                                                                                                                                                                                                                                                        ; Sequence 107, Application US/08484905
; Patent No. 5976551
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  : 274 amino acids
amino acid
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 274 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: D.C. ZIP: 20005-3315
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Washington
                                                                                                                                                                                                                                                  RESULT 14
US-08-484-905-107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 IAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLL 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Gaps
                                                                                                                                                                                                                                                        APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Kourilsky, Phillipe
APPLICANT: Cone, Yu-Chun
APPLICANT: Ojcius, David
APPRICANT: Ojcius, David
APPLICANT: Ojcius, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   72.7%; Score 853; DB 2; Length 365; 73.0%; Pred. No. 2.9e-80; ive 19; Mismatches 39; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/370,476
181 CWALGFYPAEITLIWQRDGEEQTQDTELVETRPAG 215
                               227 CWALSFYPABITLTWQRDGBDQTQDTBLVBTRPAG 261
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/117,575
FILING DATE: 05-05E-1993
APPLICATION NUMBER: US 08/072,787
FILING DATE: 06-07N-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/801,818
FILING DATE: 15-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REGISTRATION NUMBER: 25,146
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 05243.0001-
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION NUMBER: 05243.0001-
TELECOMMUNICATION NUMBER: 05243.0001-
TELECOMMUNICATION NUMBER: 05243.0001-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Washington
STATE: D.C.
ZIP: 2006-3315
COMPUTER READABLE FORM:
WEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                   Sequence 99, Application US/08370476
Patent No. 6153408
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 99:
SEQUENCE CHARACTERISTICS:
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amino acid
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                                                                                                                                                            US-08-370-476-99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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JOS-484-905-108

JOS-484-905-108

JOS-5551

JOS-551

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1 IAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLL 60
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                                                                                                                                                       181 CWALGFYPAEITLTWQRDGEEQTQDTELVETRPAG 215
                                                                                                                                                                                                              03495.0106-03000
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FILING DATE: 15-NO.
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: POTCEY, Jane E. R.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 03495
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
FELEFAX: 202-408-4000
FELEFAX: 202-408-4000
FELEFAX: 202-408-4000
FELEFAX: 202-408-4100
FELEFAX:
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Best Local Similarity 73.5;
Matches 158; Conservative
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) MOLECULE TYPE: peptide
US-08-484-905-108
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US-08-484-905-108
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US-10-995-805-4; Application US/10995805; Publication No. US20050287631A1
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Best Local Similarity 74.94
Matches 161; Conservative
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-821-234-1565
181
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Sequence 1575, Ap
Sequence 1563, Ap
Sequence 2, Appli
Sequence 3648, Ap
Sequence 3648, Ap
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655, App
649, App
2, Appl
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652, App
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3304, Ap
651, App
                                                  7, 2006, 13:01:26 ; Search time 9.85311 Seconds (without alignments) 680.625 Million cell updates/sec
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1 IAVEYVDDTQFLRFDSDAAI......QRDGBEQTQDTELVETRFAG
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1: /SIDSS/ptodata/1/pubpaa/US08_NEW_PUB.pep:*

2: /SIDSS/ptodata/1/pubpaa/US07 NEW_PUB.pep:*

3: /SIDSS/ptodata/1/pubpaa/US07 NEW_PUB.pep:*

4: /SIDSS/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*

5: /SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep:*

6: /SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep:*

7: /SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep:*

8: /SIDSS/ptodata/1/pubpaa/US11_NEW_PUB.pep:*
      5.1.7
Biocceleration Ltd.
                                                                                                                                                                                                                                                                                                                                                                                  US-10-821-234-1565
US-10-995-805-4
US-10-821-234-1565
US-10-985-805-2
US-11-072-512-348
US-11-072-512-1978
US-11-072-512-1978
US-11-072-512-1978
US-11-072-512-1978
US-11-072-512-1978
US-11-095-561-655
US-10-995-561-657
US-10-995-561-657
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US-10-995-561-657
US-11-181-234-5
US-11-181-234-5
US-11-181-234-5
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US-11-181-234-5
US-11-181-234-5
US-10-995-561-654
US-10-995-561-654
                                                                                                                                                      Total number of hits satisfying chosen parameters:
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US-10-995-561-648
US-10-884-730-85
                                                                                                                                       184161 segs, 31191982 residues
     GenCore version (c) 1993 - 2006
                                                                                                                                                                                                                                                                                                                                             SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
                                    protein search, using sw model
                                                                                                                 BLOSUM62
Gapop 10.0 , Gapext 0.5
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seq length: 200000000
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             Copyright
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                                                                                          Perfect score:
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Maximum DB
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Sequence 1565, Application US/10821234

Fublication No. US20050255114A1

GENERAL INFORMATION:
APPLICANT: Labat, Ivan
APPLICANT: Andarmani, Susan
APPLICANT: Andarmani
APPL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                121 TORFYBAEEYAEEFRTYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHEATLR
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US-10-884-730-88
US-10-884-730-116
US-10-884-730-116
US-10-884-730-86
US-10-995-561-951
US-10-995-561-950
US-10-995-561-950
US-10-995-561-950
US-10-884-730-121
US-10-884-730-128
US-10-884-730-136
US-10-884-730-361
US-10-884-730-361
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US-10-995-561-583
US-10-995-561-583
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; ORGANISM: Homo sapiens
US-10-821-234-1563
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LENGTH: 572
TYPE: PRT
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GENERAL INFORMATION:
APPLICANT: KROENKE, MARTIN
APPLICANT: KROENKE, MARTIN
APPLICANT: AZVAZAVA, NICHOLAS
APPLICANT: CONCOSTITIONS
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO A DIMERIC MHC CLASS
TITLE OF INVENTION: I AND II-LIKE MOLECULE (deMHC I AND deMHC II)
FILE REPERENCE: IOWA:0540S
CURRENT APPLICATION NUMBER: US/10/995,805
CURRENT PILING DATE: 2004-11-25
PRIOR APPLICATION NUMBER: 60/524,988
PRIOR PILING DATE: 2003-11-25
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1575, Application US/10821234
| Publication No. US20050255114A1
| GENERAL INPORMATION:
| APPLICANT: Labat, Ivan
| APPLICANT: Stache-Crain, Birgit
| APPLICANT: Andarmail, Suean
| APPLICANT: Tang, Y. Tom
| TILLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
| FILE REPERENCE: 821n
| FILE OF INVENTION NUMBER: US/10/821,234
| CURRENT APPLICATION NUMBER: US 60/462,047
| PRIOR APPLICATION NUMBER: US 60/462,047
| PRIOR FILING DATE: 2003-04-07
| NUMBER OF SEQ ID NOS: 1704
| SOFTWARE: pt SEQ genes Version 1.0
| SEQ ID NO 1575
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; ORGANISM: Homo sapiens
US-10-995-805-4
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US-10-821-234-1575
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Matches
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Sequence 2, Application US/10995805
Publication No. US20050287631A1
GENERAL INFORMATION:
APPLICANT: KROENCK, MARTIN
APPLICANT: ZAVAZAVA, NICHOLAS
ITILE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO A DIMERIC MHC CLASS
ITILE OF INVENTION: I AND II-LIKE MOLECULE (dswHC I AND dswHC II)
FILE REFERENCE: IOWA.054US
CURRENT APPLICATION NUMBER: US/10/995,805
CURRENT FILING DATE: 2004-11-25
PRIOR APPLICATION NUMBER: 60/524,988
PRIOR FILING DATE: 2003-11-25
NUMBER OF SEC ID NOS: 4
SOFTWARE: Patentin Ver. 2.1
TORFYEAERYAEEFRTYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHEATLR 180
                          121 TQRFYBABBYAEEFRTYLEGECLELLRRYLENGKETLQRADPPKAHVAHHPISDHEATLR 180
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APPLICANT: Stache-Crain, Birgit
APPLICANT: Stache-Crain, Birgit
APPLICANT: Adammani, Susan
APPLICANT: Andarmani, Susan
APPLICANT: Andarmani, Susan
TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
FILE REFERENCE: 821A
CURRENT APPLICATION NUMBER: US/10/821,234
CURRENT PILING DATE: 2004-04-07
PRIOR PILING DATE: 2003-04-07
NUMBER OF SEQ ID NOS: 1704
SEQ ID NOS: 1704
SEQ ID NOS: 1704
SEQ ID NO 1563
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                                                                                                               215
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                                                                                                            181 CWALGFYPAEITLIWQRDGEEQTQDTELVETRPAG
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121 NVAEQRRAYLEGICVEWLHRYLENGKEMLQRADPPKTHVTHHPVFDYEATLRCWALGFYP 180
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39.7%; Score 466; DB 7; Length 209;
Best Local Similarity 68.7%; Pred. No. 4.8e-34;
Matches 90; Conservative 14; Mismatches 27; Indels
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APPLICANT: Venetta, Thomas M.
APPLICANT: Greelke, John W.
APPLICANT: Blaesius, Rainer H.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: NAGAHARI, KENJI
APPLICANT: NAGAHARI, KENJI
APPLICANT: MASUHO, YASUHIKO
TITLE OP INVENTION: Novel full length cDNA
PILLE REPERENCE: 084335-0191
CURRENT APPLICATION NUMBER: US/11/072,512
CURRENT APPLICATION NUMBER: US 60/350,978
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR PILLING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: JP 2001-379298
PRIOR PILLING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PatentIn Ver. 2.1
                                                                                          181 AEILITWORDGEDOTODVELVETRPAG 207
                                                 189 ABITLIWORDGEEOTODIELVETRPAG
                                                                                                                                                                           US-11-072-512-1978
; Sequence 1978, Application US/11072512
; Publication No. US20060029945A1
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; Publication No. US20060029956A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                           WAKAWATSU, AI
SATO, HIROYUKI
ISHII, SHIZUKO
YAMAMOTO, JUN-ICHI
ISONO, YUUKO
HIO, YUKI
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TAMECHIKA, ICHIRO
SEKI, NAOHIKO
YOSHIKAWA, TSUTOWU
OTSUKA, MOTOYUKI
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APPLICANT: SUGIYAMA, TOMOYASU
APPLICANT: OTSUKI, TETSUJI
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US-11-072-512-1978
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APPLICANT:
APPLICANT:
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                                                                                                                                                                        107 GYYNQSEGGSHTIQRMYGCDVGTDGSLLRGYRQDAYDGRDYIALNEDLKTWTAADFAAQI 166
                                                                                                                                                                                                                                                                                                                                                 61 GSHTLQMMIGCDLGSDGRLLRGYEQYAYDGKDYLALNEDLRSWTAADTAAQISKRKCEAA 120
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                                                                                                              Gaps
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                                                                   DB 6; Length 575;
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                                                            Query Match 64.4%; Score 755; DB 6; Length 57 Best Local Similarity 65.6%; Pred. No. 5e-59; Matches 141; Conservative 25; Mismatches 49; Indels
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APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: Novel full length cDNA
FILE REFERENCE: 084335-0191
CURRENT APPLICATION NUMBER: US/11/072,512
CURRENT FILING DATE: 2005-03-07
PRIOR PILING DATE: 2002-01-25
PRIOR PILING DATE: 2002-01-25
PRIOR PILING DATE: 2002-01-25
PRIOR PILING DATE: 2001-11-05
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Publication No. US20060029945A1
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OTSUKI, TETSUJI
WAKAMATU, AI
SATO, HIROYUKI
ISHII, SHIZUKO
YAMAMOYO, JUN-ICHI
ISONO, YUUKO
HIO, YUKI
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TAMECHIKA, ICHIRO
SEKI, NAOHIKO
YOSHIKAWA, TSUTOMU
OTSUKA, MOTOYUKI
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SEQ ID NO 3648
LENGTH: 284
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NAGAI, KEIICHI
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US-11-072-512-3648
; ORGANISM: RAT
US-10-995-805-2
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                104 YYNDSN-GSHVLQGRFGCEI-ENNRSSGAFWKYYYDGKDYIEFNKEIPAWVPFDPAAQIT 161
                                                                                                                                                                                                                                                                                                                                                    QRFYEAEE-YAEEFRTYLEGECLELLRRYLENGKETLQRADPPKAHYPHFISDHEATLR 180
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     61
                                                                                                                                                                                                                                            2 AVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLLR
                                                                                                                                                                                                                                                                                               RYNOSEAGSHTLOGMIGCDMGPDGRLLRGYHQHAWDGKDYISLNEDLRSWTAADTVAQIT
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                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                    7;
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                                                                                                                                                                                           DB 7; Length 295;
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TITLE OF INVENTION: DETECTION OF OVARIAN DISEASE
FILE REFERENCE: 46143/294851
CURRENT APPLICATION NUMBER: US/11/177,506
CURRENT FILING DATE: 2005-07-08
PRIOR PELLONG DATE: 2004-07-09
NUMBER OF SEQ ID NOS: 52
SEQ ID NOS 52
LENGTH: 295
                                                                                                                                                                                          th 28.2%; Score 330.5; DB 7; Similarity 35.6%; Pred. No. 6.5e-22; 74; Conservative 38; Mismatches 89;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 24.3%; Score 285.5; DB 6; Best Local Similarity 33.8%; Pred. No. 5.7e-18; Matches 72; Conservative 37; Mismatches 95;
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US-11-177-506-52
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US-10-995-561-655
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Best Local Similarity
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                                                                                                                                      TYPE: PRT
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Sequence 649, Application US/10995561
Fublication No. US20050272054A1
GENERAL INFORMATION:
APPLICANT: CARGILL,
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: DETECTION AND USES THEREOF
TITLE OF INVENTION: DETECTION AND USES THEREOF
TITLE OF INVENTION: US/10/995,561
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT PILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 649
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 RRYNQSBAGSHTLQGMNGCDMGPDGRLLRGYHQHAWDGKDYISLNBDLRSWTAADTVAQI 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    121 TORFYEAEEY-AEEFRTYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHEATL 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        9
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TITLE OF INVENTION: Mutations associated with iron disorders
FILE REFERENCE: 24065-004 CONG.
CURRENT APPLICATION NUMBER: US/11/252,452
CURRENT FILING DATE: 2005-10-18
PRIOR APPLICATION NUMBER: 09/981,606
PRIOR FILING DATE: 2001-10-16
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PATENTIN Ver: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 24.3%; Score 285.5; DB 6; Best Local Similarity 33.8%; Pred. No. 7.3e-18; Matches 72; Conservative 37; Mismatches 95;
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33.8%; Pred. No. 7.3e-18;
tive 37; Mismatches 95;
224 RCRALNYYPQNITMKWLKD--KQPMDAKEFEPK 254
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Best Local Similarity 33.8*
Matches 72; Conservative
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US-10-995-561-649
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Query Match
Best Local Similarity
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US-11-072-512-3304
US-10-995-561-658
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US-10-995-561-651
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APPLICANT:
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TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE OF INVENTION: DETECTION AND USES THEREOF
FILE REPERENCE: CL001559
CURRENT APPLICATION NUMBER: US/10/995,561
NUMBER OF SEG ID NOS: 85702
SOFTWARE: PASTSEQ for Windows Version 4.0
SEQ ID NO 652
LENGTH: 325
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Publication No. US20050272054A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REPRENCE: CLOO1559
CURRENT PILION DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 658
         61 RRYNQSBAGSHTLQGMNGCDMGPDGRLLRGYHQHAWDGKDYISLNEDLRSWTAADTVAQI 120
                           121 TORFYEAEEY-AEEFRTYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHEATL 179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            124 FYEAEBY-AEBFRIYLEGECLELLRRYLENGKETLORADPPKAHVAHHPISDHEATLRCW 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      29 YVDDQLEVPYDHESR--RVEPRTPWVSSRISSQMMLQLSQSLKGWDHMPTVDFWTIMENH 86
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                                                                                                                                                180 RCWALGFYPARITLIWORDGEEQTODIELVETR 212
                                                                                                                                                                    224 RCRAINYYPQNITWKWLKD--KQPMDAKEFEPK 254
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Publication No. US20050272054A1
GENERAL INFORMATION:
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Best Local Similarity 33.8%
Matches 71; Conservative
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CORGANISM: Homo sapiens
US-10-995-561-652
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ORGANISM: Homo sapiens
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US-10-995-561-652
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US-10-995-561-658
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                                                                                                                121 TORFYEABEY-AEEFRTYLEGECLELLRRYLENGKETLQRADPPKAHVAHHPISDHEATL 179
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21.2%; Score 248.5; DB 6; Length 334; illarity 31.5%; Pred. No. 1.3e-14; Conservative 35; Mismatches 88; Indels 23
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Pred. No. 4e-13;
5; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                             165 TKLEWERHKIRARONRAYLERDCPAQLQQLLELGRGVLDQ---
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APPLICANT: MACHARI, KENJI
APPLICANT: MASUHO, YASUHIKO
TITLE OF INVENTION: Novel full length cDNA
FILE REFERENCE: 084335-0191
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR PILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 3304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3304, Application US/11072512 Publication No. US20060029945A1 GENERAL INFORMATION:
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SEKI, NAOHIKO
YOSHIKAWA, TSUTOMU
OTSUKA, MOTOYUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: ISOGAI, TAKAO
APPLICANT: SUGIYAMA, TOMOYASU
APPLICANT: OTSUKI, TETSUJI
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ISONO, YUUKO
HIO, YURI
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Best Local Similarity 83.0%;
Matches 39; Conservative
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SATO, HIROYUKI
ISHII, SHIZUKO
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NAGAI, KEIICHI
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US-11-072-512-3304
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Sequence 651, Application US/10995561

Publication No. US20050272054A1

GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFRENCE: CL001559

TITLE OF INVENTION NUMBER: US/10/995,561

CURRENT APPLICATION NUMBER: US/10/995,561

CURRENT FILING DATE: 2004-11-24

NUMBER OF SEQ ID NOS: 85702

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 651
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      70 SHTLOGMNGCDMGPDGRLLRGYHQHAWDGKDYISLNEDLRSWTAADTVAQITQRFYEAEE 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          27 SHTLQVILGCEMQEDNS-TEGYWKYGYDGQDHLEFCPDTLDWRAABPRAWPTKLEWERHK 85
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CORGANISM: Homo sapiens
US-10-995-561-651
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3372, App 329, App 328, App 328, App 330, App 116, App 116, App 581, App 581, App 581, App 1484, Ap 1484, Ap 355, App 355, App 355, App 356, App 366, App 376, App 376, App 376, App

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AAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMN 120
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US-10-884-730-372
US-10-884-730-329
US-10-884-730-329
US-10-884-730-328
US-110-884-730-330
US-110-884-730-345
US-110-884-730-345
US-10-995-561-583
US-10-995-561-581
US-10-995-561-582
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Sequence 1575, Application US/10821234

Publication No. US20050255114A1

GENERAL INPORMATION:

APPLICANT: Labat, Ivan

APPLICANT: Andarmani, Susan

APPLICANT: Andarmani, Susan

APPLICANT: Tang, Y. Tom

TILE OF INVENTION: Methods for Diagnosis and Tre

FILE REFERENCE: 821A

CURRENT APPLICATION NUMBER: US/10/821,234

CURRENT FILING DATE: 2004-04-07

PRIOR APPLICATION NUMBER: US 60/462,047
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 1704
SOFTWARE: pt SEQ genes Version 1.0
SEQ ID NO 1575
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Best Local Similarity 77.61
Matches 281; Conservative
     TYPE: PRT
CORGANISM: Homo sapiens
US-10-821-234-1575
     176.5
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                                                                                                                                                                   7, 2006, 13:01:26 ; Search time 16.5899 Seconds (without alignments) 680.625 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                       1 MAPRSLILLILSGALALIDIW......QAAVIDSAQGSGVSLIANKV 362
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1: /SIDS5/ptodata/1/pubpaa/US08 NEW PUB.pep:*

2: /SIDS5/ptodata/1/pubpaa/US07 NEW PUB.pep:*

3: /SIDS5/ptodata/1/pubpaa/US07 NEW PUB.pep:*

4: /SIDS5/ptodata/1/pubpaa/PCT_NEW PUB.pep:*

5: /SIDS5/ptodata/1/pubpaa/US10_NEW PUB.pep:*

7: /SIDS5/ptodata/1/pubpaa/US10_NEW_PUB.pep:*

8: /SIDS5/ptodata/1/pubpaa/US10_NEW_PUB.pep:*

8: /SIDS5/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
                        GenCore version 5.1.7
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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US-10-821-234-1565
US-10-821-234-1565
US-10-995-805-4
US-11-072-512-3364
US-11-072-512-3364
US-11-072-512-3364
US-11-072-512-3364
US-11-072-512-3364
US-11-072-512-1978
US-11-072-512-1978
US-11-072-512-1978
US-11-072-512-1978
US-11-095-561-657
US-10-995-561-657
US-10-995-561-654
US-10-995-561-654
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US-11-181-234-3
US-11-181-234-3
US-11-181-234-3
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Title: Perfect score:

Sequence:

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Run on:

Scoring table:

Searched:

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LENGTH: 530
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US-10-995-805-4
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                                                                                                                                      Sequence 1565, Application US/10821234

Publjtation No. US20050255114A1

GENERAL INPORMATION:

APPLICANT: Labat, Ivan

APPLICANT: Stache-Crain, Birgit

APPLICANT: Andarmail, Suean

APPLICANT: Tang, Y. Tom

TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia

FILE REPERENCE: 821

CURRENT APPLICATION NUMBER: US/10/821,234

CURRENT FILING DATE: 2004-04-07

PRIOR PILING DATE: 2003-04-07

NUMBER OF SEQ ID NOS: 1704

SEQ ID NOS: 1704

SEQ ID NO 1565

LENGTH: 338
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61 AAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMN 120
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Debication No. US20050255114A1
GENERAL INFORMATION:
APPLICANT: Labat, Ivan
APPLICANT: Stache-Crain, Birgit
APPLICANT: Adammani, Susan
APPLICANT: Tang, Y. Tom
TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
FILE REFERENCE: 821A
CURRENT PILING DATE: 2004-04-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 MAPRILFLLLSGALTLTETWAGSHSWRYFSAAVSRPGRGEPRFIAWGYVDDTQFVRFDSD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 338;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  43; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                    74.1%; Score 1424; DB 6;
79.1%; Pred. No. 4.8e-106;
ive 27; Mismatches 43;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PTIPIVGIVAGLVVLGAVVTGAVVAAVMWRKKSSD 335
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US-10-821-234-1565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
                                           KV 362
                                                                     KV 365
                                                                                                                  RESULT 2
US-10-821-234-1565
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Sequence 4, Application US/10995805

| Sequence 4, Application US/10995805
| Publication No. US20050287631A1
| GENERAL INFORMATION:
| APPLICANT: REDENKE, MARTIN
| APPLICANT: ZAYAZAYA, NICHOLAS
| TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO A DIMERIC MHC CLASS
| TITLE OF INVENTION: I AND II-LIKE MOLECULE (dsMHC I AND dsMHC II)
| FILE REFERENCE: IOWA-054US
| CURRENT FILING DATE: 2004-11-23
| CURRENT FILING DATE: 2004-11-25
| NUMBER OF SEQ ID NOS: 4
| SOFTWARE: Patentin Ver. 2.1
| SEQ ID NO 4
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                                                                                                                                                                                                                                               Length 358;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      48; Indels
                                                                                                                                                                                                                                               DB 6;
                                                                                                                                                                                                                                          70.2%; Score 1350; DB 6
72.2%; Pred. No. 4e-100;
ive 34; Mismatches 6
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PRIOR APPLICATION NUMBER: US 60/462,047
PRIOR FILING DATE: 2003-04-07
NUMBER OF SEQ ID NOS: 1704
SEQ ID NO 1563
LENGTH: 358
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Matches 255; Conservative
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                                                                                                                                                                      ORGANISM: Homo sapiens
US-10-821-234-1563
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US-10-995-805-4
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Publication No. US20050287631A1
GENERAL INFORMATION:
APPLICANT: KNOEME, MARTIN
APPLICANT: AND METHODS RELATED TO A DIMERIC MHC CLASS
TITLE OF INVENTION: TAND ILLIKE MOLECULE (GEMIC I AND GENERIC II)
FILE REFERENCE: IOWA:054US
CURRENT APPLICATION NUMBER: US/10/995,805
CURRENT APPLICATION NUMBER: 60/524,988
PRIOR FILING DATE: 2004-11-25
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 575
                                                                                                                   64 ARNPRYBPRAPWMEREGPDYWERETQKAKGNEQNYRVSLRNLRGYYNQSEGGSHTIORWY 123
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 GCDMGPDGRLLRGYHQHAYDGKDYISLNBDLRSWTAADTVAQITQRFYEAEBYABEFRTY
                 LEGECLELLRRYLENGLETLORADPPKAHVAHHPISDHEATLRCWALGFYPABITLTWQR
                                                                             1 MAPRSILLILISGALALTDTWAGSHSLRYFSTAVSRPGRGEPRYIAVEYVDDTQFLRFDSD
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S8.6%; Score 1126.5; DB 6; Length 575;
Best Local Similarity 63.0%; Pred. No. 4.4e-82;
Matches 216; Conservative 39; Mismatches 83; Indels 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     304 TDSNMETYVIYVVLGAVAIIAAVIIAAVVAVVRRRRKRNTEPR 346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  297 -QSPQPTIPIVGIVAGLVVLGAVVTGAVVAAVMWRKKSSDRNR 338
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US-11-072-512-3648
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; ORGANISM: RAT
US-10-995-805-2
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US-10-995-805-2
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61 GSHTLQWMIGCDLGSDGRLLRGYEQYAYDGKDYLALNEDLRSWTAADTAAQISKRKCEAA 120
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                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: NAGAHARI, KENJI
APPLICANT: MAGAHARI, KENJI
APPLICANT: MASUHO, YASUHIKO
TITLE OP INVENTION: Novel full length cDNA
FILE REFERENCE: 084335-0191
CURRENT APPLICATION NUMBER: US/11/072,512
CURRENT FILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR FILING DATE: 2002-01-25
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: Patentin Ver. 2.1
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Publication No. US20060029945A1
GENERAL INFORMATION:
APPLICANT: SUGIYAMA, TOMOYASU
APPLICANT: SUGIYAMA, TOMOYASU
APPLICANT: GTUKI, TETSUI
APPLICANT: WARAMATSU, AI
APPLICANT: WARAMATSU, AI
APPLICANT: YAMAMONOO, JUN-ICHI
APPLICANT: YAMAMONOO, JUN-ICHI
APPLICANT: YAMAMONOO, JUN-ICHI
APPLICANT: TONOO, YUUKO
APPLICANT: TONOO, YUKI
APPLICANT: NAGARI
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APPLICANT: NAGARI
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APPLICANT: NAGARI
APPLICANT: NAGARI
APPLICANT: TAMECHIKA, KAORU
APPLICANT: TAMECHIKA, ICHIRO
OTSUKT, TETSUJI
WAKAMATUJ, AI
SATO, HIROYUKI
ISHII, SHIZUKO
YAMAMOTO, JUN-ICHI
ISONO, YUUKO
HIO, YUKI
                                                                                                                                                                                                                                                                           TAMECHIKA, ICHIRO SEKI, NAOHIKO YOSHIKAWA, TSUTOMU OTSUKA, MOTOYUKI
                                                                                                                                                                                         OTSUKA, KAORU
NAGAI, KEIICHI
IRIE, RYOTARO
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ORGANISM: Homo sapiens
US-11-072-512-3648
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RESULT 10
US-10-995-561-652
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Publication No. US20050272054A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REPERENCE: CLO01559
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSeQ for Windows Version 4.0
SEQ ID NO 649
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61 YDHESR--RVERRTEWVSSRISSQMMLQLSQSLKGMDHMFTVDFWTIMENHNHŠKE-SHT 117
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                                                                                                                                                                                                                                                                                                                           Length 150;
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                                                                                                                                                                                                                                                                                                                           DB 7;
                                                                                                                                                                                                                                                                                                                        Query Match 32.5%; Score 625.5; DB 7; Best Local Similarity 80.1%; Pred. No. 6.7e-43; Matches 121; Conservative 13; Mismatches 14;
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APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: OTSUKA, MOTOVUKI
APPLICANT: NACAHARI, KENJI
TITLE OF INVENTION: NOVEL full length cDNA
TITLE REPRENCE: 08435-0191
CURRENT APPLICATION NUMBER: US/11/072,512
CURRENT FILING DATE: 2005-03-07
PRIOR PILING DATE: 2002-01-25
PRIOR PRIOR PELING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PATENTIN OF 1.05
NUMBER OF SEQ ID NOS: 4096
SEQ ID NO 3304
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Matches 124; Conservative
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; ORGANISM: Homo sapiens
US-11-072-512-3304
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CORGANISM: Homo sapiens
US-10-995-561-649
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US-10-995-561-649
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; Sequence 652, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OP INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
EEFRTYLEGECLELLRRYLENGLETLQRADPPKAHVAHHPISDHEATLRCWALGFYPAEI 234
                                 291
                                                                                                                                                   236 TWKWLKD--KOPWDAKEFEPKDVLPNGDGTYQGWITLAVPPGEEQRYTCQVEHPGLDQPL 293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          57 FDSDAAIPRMEPREPWVEQE-GPQYWEWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHT 115
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Rothenberg et al.
TITLE OF INVENTION: Mutations associated with iron disorders FILE REFERENCE: 24065-004 CONZ
CURRENT APPLICATION NUMBER: US/11/252,452
CURRENT FILING DATE: 2005-10-18
PRIOR APPLICATION NUMBER: 09/981,606
PRIOR PILICATION NUMBER: 09/277,457
PRIOR PILING DATE: 1999-03-26
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                                                                                                                                                                                                                                                                                                                                                                                                            US-11-252-452-2
; Sequence 2, Application US/11252452
; Publication No. US20060051806A1
; GENERAL INFORMATION:
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
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US-11-252-452-2
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235 TLIWQRDGEEQTQDTELVETR---PAGDGTPQKWAAVVVPSGEEQRYTCHVQHEGLPQPL 291
               LOGMNGCDMGPDGRLLRGYHQHAYDGKDYISLNBDLRSWTAADTVAQITQRFYBAEBY-A 174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       60 DAAIPRMEPREPWVEQEGPQYWEWTTGYAKANAQTDRVALRNILRRYNQSEAGSHTLQGM 119
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    179 TYLEGECLELLRRYLENGLETLORADPPKAHVAHHPISDHEATLRCWALGFYPAEITLTW 238
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177 AYLEBECPATLRKYLKYSKNILDRQDPPSVVVTSHQAPGEKKKLKCLAYDFYPGKIDVHW 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             239 QRDGEEQTQDTEL-VETRPAGDGTFQKWAAVVVPSGEEQRYTCHVQHEGLPQPLILRWEQ 297
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APPLICANT: Venetra, Thomas M.
APPLICANT: Greelke, John W.
APPLICANT: Blaestius, Rainer H.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
TITLE OF INVENTION: DETECTION OF OVARIAN DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 25.1%; Score 481.5; DB 7; Best Local Similarity 36.5%; Pred. No. 4.3e-31; Matches 110; Conservative 49; Mismatches 133;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 46143/294651
CURRENT APPLICATION NUMBER: US/11/17,506
CURRENT FILING DATE: 2005-07-08
PRIOR APPLICATION NUMBER: 60/586,856
PRIOR FILING DATE: 2004-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 52
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                Sequence 52, Application US/11177506
Publication No. US20060029956A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 295
TYPE: PRT
ORGANISM: Homo sapiens
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US-11-072-512-1978
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US-11-177-506-52
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Publication No. US20050272054A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF TITLE OF INVENTION: DETECTION AND USES THEREOF
TITLE OF INVENTION: DATE: 2004-11-24
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 658
LENGHH: 334
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            176 EFRTYLEGECLELLRRYLENGLETLQRADPPKAHVAHHPISDHEATLRCWALGFYPAEIT 235
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                                                                                                                                                                                                                                                  25.2%; Score 485; DB 6; Length 32 34.1%; Pred. No. 2.6e-31; ive 59; Mismatches 133; Indels
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TITLE OF INVENTION: DETECTION AND USBS THEREOF FILE REFERENCE: CLOO1559
CURRENT PAPLICATION NUMBER: US/10/995,561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 652
LENGTH: 325
TYPE: PRT
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25.1%; Score 482.5; DB
Best Local Similarity 34.0%; Pred. No. 4.2e-31
Matches 119; Conservative 56; Mismatches 14
                                                                                                                                                                                                                                                                       Best Local Similarity 34.1
Matches 119; Conservative
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US-10-995-561-658
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-995-561-651
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Best Local
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Publication No. US20050272054A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDICUARD DISORDERS AND DRUG RESPONSE, METHODS OF
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CLOOL559
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT PILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 651
LENGTH: 260
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46.6%; Pred. No. 2.2e-30;
iive 17; Mismatches 54
                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANTON:
NOWHER:
US (0)350,978
PRIOR PILING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR APPLICATION NUMBER: US 2001-379298
PRIOR APPLICATION NUMBER: UP 2001-379298
NUMBER OF SEQ ID NOS: 4096
SEQ ID NO 1978
LENGTH: 209
                                                                                                                                                                   HIO, YURI
OTSUKA, KAORU
NAGAI, KEIICHI
IRIE, RYOTARO
SEKI, NAOHIKO
SEKI, NAOHIKO
YOSHIKAWA, ISUTOMU
OTSUKA, MOTOYUKI
                                          SUGIYANA, TOMOYASU
OTSUKI, TETSUJI
WAKAMATSU, AI
SATO, HIROYUKI
ISHI, SHIZUKO
YAMAMOTO, JUN-ICHI
ISONO, YUUKO
HIO, YUKI
 US20060029945A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 46.6<sup>†</sup>
Matches 108<sup>‡</sup>, Conservative
ublication No. US20060029
EENERAL INFORMATION:
APPLICANT: ISOGAI, TAKAO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-072-512-1978
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US-10-995-561-651
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APPLICANT:
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RESULT 15

US-10-995-561-657

US-10-995-561-657

Sequence 657, Application US/10995561

Publication No. UG20050272054A1

GENERAL INFORMATION:

APPLICANT: CARGILL, Michele et al.

TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF TITLE OF INVENTION: DETECTION AND USES THEREOF

FILE REPERRUCE: CL001559

CURRENT FILING DATE: 2004-11-24

NUMBER OF SEQ ID NOS: 85702

SEQ ID NO SEQ ID NOS: 85702

SEQ ID NO 657

SEQUENCE OF THE 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               113 SHTLQGMNGCDMGPDGRLLRGYHQHAYDGKDYISLNEDLRSWTAADTVAQITQRFYEAEE 172
                                                                                                                                                                                                                                                                                                                                                                                                  173 Y-AEEFRTYLEGECLELLRRYLENGLETLQRADPPKAHVAHHPISDHEATLRCWALGFYP 231
                                                                                                                                                                                                                                                                                                                                                                                                                                                               86 IRARQNRAYLERDCPAQLQQLLELGRGVLDQQVPPLVKVTHH-VTSSVTTLRCRALNYYP 144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   232 AEITLIWQRDGBEQTQDTELVETR---PAGDGTFQKWAAVVVPSGEEQRYTCHVQHEGLP 288
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              27 SHTLQVILGCEMQEDNS-TEGYWKYGYDGQDHLEFCPDTLDWRAAEPRAWPTKLEWERHK 85
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       289 QPLILRWEQSPQPTIPIVGIVAGLVVLGAVVTGAVVAAVMWRKKSSDRNRGSY 341
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               Length 260;
                                                                                                          Indels
          21.8%; Score 418.5; DB 6;
38.2%; Pred. No. 3.9e-26;
tive 44; Mismatches 91;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     19.8%; Score 381.5; DB 6; 36.1%; Pred. No. 3.2e-23; tive 42; Mismatches 84;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         7, 2006, 13:06:43
Query Match
Best Local Similarity 38.2%
Matches 89; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        al Similarity 36.1%
84; Conservative
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US-10-995-561-657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Search completed: April
Job time : 16.5899 secs
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TYPE: PRT
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5.1.7
Biocceleration Ltd.
GenCore version
Copyright (c) 1993 - 2006
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OM protein - protein search, using sw model

Run on:

7, 2006, 12:39:36; Search time 27.0458 Seconds (without alignments) 837.583 Million cell updates/sec

Title: Perfect score:

US-09-819-371-5 1496 1 GSHSLRYFSTAVSRPGRGEP......QRYTCHVQHEGLPQPLILRW 274

Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

572060 seqs, 82675679 residues Searched:

Total number of hits satisfying chosen parameters:

572060

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

/cgn2 6/ptodata/1/iaa/5_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6_COMB.pep:*
/cgn2_6/ptodata/1/iaa/H_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
/cgn2_6/ptodata/1/iaa/RE_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

| | Description | 242 Seguence | | Seguence | | Sequence 100, | Sequence 100 | Sequence | Sequence 23, | | 3 Sequence 23, | Sequence 38, | | 4 Sequence 104, | Sequence 99, | Sequence 104, | Sequence 99, | Sequence | Sequence 107, | Sequence 108, | Sequence 107 | Sequence 108 | Sequence 107 | Sequence 108 | Sequence 97, | Sequence 98, | 97 Sequence 97, | 98 |
|-----------|----------------|-----------------|-----------------|--------------------|--------------------|-------------------|--------------------|------------------|------------------|-------------------|------------------|------------------|------------------|-------------------|------------------|--------------------|------------------|-------------------|-------------------|---------------|--------------|--------------|-------------------|-------------------|------------------|-----------------|-----------------|-----------------|
| SUMMARIES | ΩI | US-09-949-016-8 | US-08-222-851-1 | US-09-949-016-6176 | US-09-949-016-8636 | US-08-484-905-100 | US-08-481-985B-100 | US-08-652-265-23 | US-08-834-497A-2 | US-08-370-476-100 | US-09-503-444A-2 | US-08-890-719-38 | US-08-484-905-99 | US-08-484-905-104 | US-08-481-985B-9 | US-08-481-985B-104 | US-08-370-476-99 | US-08-370-476-104 | US-08-484-905-107 | _ | - | • | US-08-370-476-107 | US-08-370-476-108 | US-08-484-905-97 | US-08-484-905-9 | US-08-481-985B- | US-08-481-985B- |
| | Length DB | 362 2 | 274 1 | 338 2 | 339 2 | 365 1 | 365 2 | 365 | 365 2 | 365 | 365 2 | 341 2 | 365 1 | 365 1 | 365 2 | 365 2 | 365 2 | 365 2 | 274 | 274 | 274 2 | • | 274 2 | 274 2 | 365 1 | 365 1 | 365 2 | 365 2 |
| dp | Query Match | 99.7 | 83.4 | 79.1 | 79.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.7 | 76.7 | 76.7 | 76.7 |
| | Score | 1491 | 1248 | 1184 | 1184 | 1154 | 1154 | 1154 | 1154 | 1154 | 1154 | 1153 | 1151 | 1151 | 1151 | 1151 | 1151 | 1151 | 1150 | 1150 | 1150 | 1150 | 1150 | 1150 | 1147 | 1147 | 1147 | 1147 |
| | Result No. | п | 7 | m | 4 | 'n | 9 | 7 | 80 | 6 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 11 | 18 | 19 | 50 | 21 | 22 | 23 | 24 | 25 | 56 | 27 |

| Sequence 97, Appl | Sequence 98, Appl | 105 | Sequence 105, App | Seguence 105, App | Sequence 106, App | Sequence 106, App | 106 | 103, | Sequence 103, App | Sequence 103, App | Sequence 102. App | 102, | Sequence 102, App | 101 | 101 | 101 | 6620, |
|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|--------------------|-------------------|--------------------|
| US-08-370-476-97 | US-08-370-476-98 | US-08-484-905-105 | US-08-481-985B-105 | US-08-370-476-105 | US-08-484-905-106 | US-08-481-985B-106 | US-08-370-476-106 | US-08-484-905-103 | US-08-481-985B-103 | US-08-370-476-103 | US-08-484-905-102 | US-08-481-985B-102 | US-08-370-476-102 | US-08-484-905-101 | US-08-481-985B-101 | US-08-370-476-101 | US-09-949-016-6620 |
| 365 2 | 365 2 | 274 1 | 274 2 | 274 2 | 274 1 | 274 2 | 274 2 | 365 1 | 365 2 | 365 2 | 365 1 | 365 2 | 365 2 | 365 1 | 365 2 | 365 2 | 358 2 |
| 76.7 | 76.7 | 9.92 | 9.92 | 9.92 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 75.7 | 75.7 | 75.7 | 73.3 |
| 1147 | 1147 | 1146 | 1146 | 1146 | 1142 | 1142 | 1142 | 1142 | 1142 | 1142 | 1141 | 1141 | 1141 | 1133 | 1133 | 1133 | 1097 |
| 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 |

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Sequence 3422, Application US/09949016

Patent No. 6812339

GENERAL INPORMATION:
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: 2000-04-14

FILE REFERENCE: 2000-04-14

PRIOR PELICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR PILING DATE: 2000-10-20

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-09-08

NUMBER: 05/231,498

NUMBER: 05/231,498

NUMBER: PASESEQ FOR Windows Version 4.0
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Best Local Similarity 99.6%; Pred. No. 1.9e-137;
Matches 273; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Human
US-09-949-016-8242
US-09-949-016-8242
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TYPE: PRT
ORGANISM: Human
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                            Gaps
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83.4%; Score 1248; DB 1; Length 274;
Best Local Similarity 82.8%; Pred. No. 7.5e-114;
Matches 227; Conservative 17; Mismatches 30; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          241 FQKWAAVVVPSGEEQRYTCHVQHEGLPQPLILRW 274
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NESULT 2
US-08-222-851-1
Sequence 1, Application US/08222851
Patent No. 5723128
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US-09-949-016-6176

; Sequence 6176, Application US/09949016
; Patent No. 6812339
; GRNERAL INFORMATION:

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Sequence 8636, Application US/09949016
; Sequence 8636, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; TITLE OF INVENTION: WIMBER: 00/241,755
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR PLILING DATE: 2000-10-03
; PRIOR PLILING DATE: 2000-10-03
; PRIOR PLILING DATE: 2000-10-03
; PRIOR PLILOGATION NUMBER: 60/231,498
; PRIOR PLILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REFERENCE: CL001307

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR PLING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NO 6176

LENGTH: 338
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Best Local Similarity 78.8%
Matches 216; Conservative
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Best Local Similarity 78.8'
Matches 216; Conservative
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US-09-949-016-8636
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Query Match
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                                                                                                                                                                                            121 KDYISINEDIRSWTAADTVAQITQRFYEAEEYAEEFRTYLEGECLELLRRYLENGKETLQ 180
                9
                               26 GSHSMRYFSAAVSRPGRGEPRFIAMGYVDDTQFVRFDSDSACPRMEPRAPWVEQEGFEYW 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 100, Application US/08484905
Patent No. 597651
GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Kourilsky, Philippe
TITLE OF INVENTION: AM Altered Major Histocompatibility
TITLE OF INVENTION: Complex (MHC) Determinant and Methods for Using the NUMBER OF SEQUENCES: 127
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
                                                                                                                                                                                                                                                   181 RADPPKAHVAHHPISDHEATLRCWALGFYPAEITLTWQRDGEEQTQDTELVETRPAGDGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:

OPERATING SYSTEM:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/484,905

FILING DATE: 07-0108-1995

CLASSIFICATION NUMBER: US/08/484,905

FILING DATE: 07-0108-1995

CLASSIFICATION DATA:

APPLICATION NUMBER: US 07/801,818

FILING DATE: 05-DEC-1991

CLASSIFICATION: 530

PRIOR APPLICATION NUMBER: US 07/792,473

FILING DATE: 15-NOV-1991

CLASSIFICATION: 530

ATTORNEY AGENT INPORMATION:

NAME: POTTER: Jane E. R.

REGISTRATION: WUMBER: 330

ATTORNEY AGENT INPORMATION:

NAME: POTTER: Jane E. R.
                                                                                                                                                                                                                                                                                                                                                         266 PQKWAAVVVPSGEEQRYTCHVQHEGLPEPLMLRW 299
                                                                                                                                                                                                                                                                                                                                  241 FOKWAAVVVPSGEEORYTCHVOHEGLPOPLILRW 274
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STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 20005-3315
COMPUTER READABLE FORM:
WEDLUM TYPE: Ploppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS-/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 03
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4400
TELEFAX: 202-408-4400
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amino acid
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EWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAYDG 120
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                                                                                              Gaps
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| Sequence 100, Application US/08481985B |
| Patent No. 6011146 |
| Patent No. 6011141 |
| APPLICANT: Mottez, Estelle |
| APPLICANT: Mottez, Batelle |
| APPLICANT: ADMINISTRON: Altered Major Histocompatibility Complex |
| TITLE OF INVENTION: Altered Major Histocompatibility Complex |
| TITLE OF INVENTION: Altered Major Histocompatibility Complex |
| NUMBER OF SEQUENCES: 148 |
| CORRESPONDENCE ADDRESS: ADDRESSE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Punner |
| ADDRESSEE: Punner |
| STREET: 1300 | Street, N.W., Suite 700 |
| STREET: ADDRESSEE |
| STREET: MADDRESSEE |
| ADDRESSEE |
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    Length 365;
                                                                                          Indels
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CITY: WASHINGTON
CITY: WASHINGTON
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,985B
FILING DATE: 07-JUN-1995
CLASSIFICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION 1435
PRIOR APPLICATION 1435
PRIOR APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION NUMBER: US 07/792,473
FILING DATE: 15-NOV-1991
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION NUMBER: US 07/792,473
FILING DATE: 15-NOV-1991
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
77.1%; Score 1154; DB 1; 76.6%; Pred. No. 1.7e-104; ive 22; Mismatches 42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PQKWAAVVVPSGQEQRYTCHVQHEGLPKPLTLPW 298
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REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 100:
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                                             Best Local Similarity 76.6
Matches 210; Conservative
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MOLECULE TYPE: peptide
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                                                                                                                              25 GSHSMRYFYTSVSRPGRGEPRFIAVGYVDDTQFVRFDSDAASQRMEDRAPWIEQEGPEYW
                                                                                                         1 GSHSLRYFSTAVSRPGRGEPRYIAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYW
                                                                         Gaps
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                                77.1%; Score 1154; DB 2; Length 365; 76.6%; Pred. No. 1.7e-104; ive 22; Mismatches 42; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Thomas, Winston J.
APPLICANT: Feder, John N.
APPLICANT: Feder, John N.
APPLICANT: Feder, John N.
APPLICANT: Ruddy, David
APPLICANT: Tsuchihashi, Zenta
APPLICANT: Tsuchihashi Zenta
ADBRESSEE: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STRATE: Callfornia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/652,265
FILING DATE: 23-MAY-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAMB: Smith, William M.
REGISTRATION NUMBER: 17957-000500
TELEPHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                            FOKWAAVVVPSGEEORYTCHVOHEGLPOPLILRW 274
                                                                                                                                                                                                                                                                                                                                                                                                                               265 FQKWAAVVVPSGQEQRYTCHVQHEGLPKPLTLPW 298
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 23, Application US/08652265
Patent No. 6025130
GENERAL INFORMATION:
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TYPE: amino acid
STRANDEDNESS:
                                                  Best Local Similarity 76.6
Matches 210; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: protein
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NAME/KEY: Protein
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US-08-481-985B-100
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                                Query Match
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61 EWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAYDG 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        145 KDYIALKEDLRSWTAADWAAQTTKHKWEAAHVAEQLRAYLEGTCVEWLRRYLENGKETLQ 204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             181 RADPPKAHVAHHPISDHEATLRCWALGFYPABITLTWQRDGEEQTQDTELVETRPAGDGT 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           205 RIDAPKTHWIHHAVSDHEATLRCWALSFYPAEITLIWQRDGEDQIQDTELVETRPAGDGT 264
                                                                                                                                                                                                                                 1 GSHSLRYFSTAVSRPGRGEPRYIAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYW 60
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APPLICANT: Drayna, Dennis T.
APPLICANT: Drayna, Dennis T.
APPLICANT: Greder, John N.
APPLICANT: Gairke, Andreas
APPLICANT: Ruddy, David
APPLICANT: Ruddy, David
APPLICANT: Houchinashi, Zenta
APPLICANT: HOLE, Roger K.
TITLE OF INVENTION: HEREDITARY HEMOCHROMATOSIS GENE PRODUCTS
AUGUSESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
                     /note= "Human Major Histocompatability
Class I (MHC) protein"
                                                                                                                        Length 365;
                                                                                                                                                                              42; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: New TOTK
COMPUTRY: New TOTK
COMPUTRY: USA
ZIP: 10036-2811
COMPUTRY: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,497A
FILING DATE: 04-APR-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/652,265
FILING DATE: 16-ARR-1996
CLASSIFICATION: 514
PRIOR APPLICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                           Score 1154; DB 2;
Pred. No. 1.7e-104;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   241 FOKWAAVVVPSGEEORYTCHVOHEGLPOPLILRW 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              265 POKWAAVVVPSGQEQRYTCHVQHEGLPKPLTLRW 298
                                                                                             Query Match 77.1%; Score 1154; up
Best Local Similarity 77.0%; Pred. No. 1.7e-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 23, Application US/08834497A; Patent No. 6140305; GENERAL INFORMATION:
LOCATION: 1.365
OTHER INFORMATION:
OTHER INFORMATION:
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                                                     us-08-652-265-23
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61 EWITGYAKANAQIDRVALRNLLRRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAYDG 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            145 KDYIALKEDLIKSWTAADMAAQTTKHKWEAAHVAEQLRAYLEGTCVEWLRRYLENGKETLQ 204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  181 RADPPKAHVAHHPISDHEATLRCWALGFYPAEITLTWQRDGEEQTQDTELVETRPAGDGT 240
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APPLICANT: Thomas, Winston J.
APPLICANT: Prayna, Dennis T.
APPLICANT: Feder, John N.
APPLICANT: Ruddy, David
APPLICANT: Ruddy, David
APPLICANT: Ruddy, David
APPLICANT: Wolff, Roger K.
ITILE OF INVENTION: Hereditary Hemochromatosis Gene
NUMBER OF SEGURNES: 44
CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           77.1%; Score 1154; DB 2; 76.6%; Pred. No. 1.7e-104; iive 22; Mismatches 42;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 25,146
RR: 05243.0001-01000
                                                                                                                PRIOR APPLICATION DATA.
APPLICATION NUMBER: US 08/117,575
FILING DATE: 07-SEP-1993
APPLICATION NUMBER: US 08/072,787
FILING DATE: 06-UNN-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 25,146
REFERENC
                      APPLICATION NUMBER: US/08/370,476
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 10
US-09-303-444A-23
Equence 23, Application US/09503444A
Petent No. 6228594
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 202-408-4400
INPORMATION FOR SEQ ID NO: 100:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 77.1°
Best Local Similarity 76.6
Matches 210; Conservative
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MOLECULE TYPE: peptide
US-08-370-476-100
                                                            FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       New York
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Patent No. 6153408

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Contisky, Phillipe
APPLICANT: Lone, Yu-Chun
APPLICANT: Casrouge, Armanda
TITLE OF INVENTION: Altered Major Histocompatibility Complex
TITLE OF INVENTION ISS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Each Floppy disk
COMPUTER: Batentin Relasse #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Protein
LOCATION: 1..365
OTHER INFORMATION: /note= "Human Major Histocompatability
OTHER INFORMATION: Class I (MHC) protein"
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Best Local Similarity 77.0%; Pred. No. 1.7e-104;
Matches 211; Conservative 21; Mismatches 42;
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NAME: Poissant, Brian M.
REGISTRATION NUMBER: 28,462
REPERENCE, POCKET NUMBER: 8907-0056-999
TELECOMMUNICATION INFORMATION:
TELEPRA: 650-493-555
TELEPRA: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TYPE: amino acid
STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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US-08-370-476-100
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Gaps

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Sequence 99, Application US/08484905
; Sequence 99, Application US/08484905
; Patent No. 597651
; GENERAL INFORMATION:
; APPLICANT: Mottez, Estelle
; APPLICANT: Abasteado, Jean-Pierre
APPLICANT: Acurilsky, Philippe
; TITLE OF INVENTION: Omplex (MHC) Determinant and Methods for Using the
TITLE OF INVENTION: Determinant
; NUMBER OF SEQUENCES: 127
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W., Suite 700
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
           APPLICANT: Fulton, Janet
TITLE OF INVENTION: Production of Antisera Specific to Major
TITLE OF INVENTION: Production of Antisera Specific to Major
TITLE OF INVENTION: Histocompatibility Complex Molecules in Chickens
FILE REPERENCE: DK 0064-98 - Larry D. Bacon et al.
CURRENT APPLICATION NUMBER: US/08/890,719A
CURRENT FILING DATE: 1996-07-10
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 38
LENGTH: 341
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                                                                                                                                                                                                                                                                                                                                                                                     DB 2; Length 341;
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ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS-/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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                                                                                                                                                                                                                                                                                                                                                                                     77.1%; Score 1153; DB 2 76.6%; Pred. No. 2e-104; Live 22; Mismatches 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
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APPLICATION NUMBER: US/08/484,905
FILING DATE: 07-JUNE-1995
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 76.64
Matches 210; Conservative
APPLICANT: Hunt, Henry D
                                                                                                                                                                                                                                                                                                                     ; ORGANISM: Homo sapiens
US-08-890-719-38
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             205 RIDAPKTHMTHHAVSDHEATLRCWALSFYPAEITLTWQRDGEDQTQDTELVETRPAGDGT 264
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GSHSLRYFSTAVSRPGRGEPRYIAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYW
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Class I (MHC) protein"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 365;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              77.1%; Score 1154; DB 2; 177.0%; Pred. No. 1.7e-104; ive 21; Mismatches 42;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           241 FOKWAAVVVPSGEEQRYTCHVQHEGLPQPLILRW 274
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           8907-0088-999
                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: WordPerfect Version 8
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/503,444A
FILING DATE: 14-Feb-2000
                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/652,265
FILING DATE: 23-May-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/632,673
FILING DATE: 16-Apr-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/630,912
FILING DATE: 04-Apr-1996
ATTORNEY/AGENT INFORMATION:
NAME: POISSANT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 38, Application US/08890719A Patent No. 6075125 Patent No. 6075125 APPLICANT: Bacon, Larry D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Poissant, Brian M.
REGISTATION NUMBER: 28,462
REPERENCE/DOCKET NUMBER: 8907
TELECOMMUNICATION INFORMATION:
TELERPHONE: 212-790-9090
TELERPAX: 212-869-9741
TELER 66141
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similaricy
nes 211; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: 1..365
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
NAME/KEY: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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Patent No. 5976551
GENERAL INFORMATION:
APPLICANT: Mottes, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Complexity, Philippe
TITLE OF INVENTION: An Altered Major Histocompatibility
TITLE OF INVENTION: Determinant
NUMBER OF SEQUENCES: 127
CORRESPONDENCE ADDRESS:
ADDRESSEE: ADDRESS:
ADDRESSEE: ADDRESS:
ADDRESSEE: ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GSHSLRYFSTAVSRPGRGEPRYIAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYW
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CITY: Washington
STATE: D.C.
ZIPRET: 1300 I Street, N.W., Suite 700
STATE: D.C.
ZIPRET: D.C.
ZIPRET: B.C.
ZIP
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                                                                                                                                                                                                                                                                                                                                  03495.0106-03000
CLASSIPICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/792,473
FILING DATE: 15-NOV-1991
CLASSIPICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: POTLET, Jane E. R.
REGISTRATION NUMBER: 03495.0106
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: 202-408-4400
TELEFAX: 202-408-4400
TELEFAX: 202-408-4400
TELEFAX: 367-408-300
SEQUENCE CHARACTERISTICS:
**NACTH: 365 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            : 365 amino acids
amino acid
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MOLECULE TYPE: peptide
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61 EWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAYDG 120
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APPLICANT: Mottez, Estelle
APPLICANT: Mottez, Dan-Pierre
APPLICANT: Kourilado, Dan-Pierre
APPLICANT: Kourilado, Phillipe
TITLE OF INVENTION: Altered Major Histocompatibility Complex
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Pinnegan, Henderson, Farabow, Garrett &
ADDRESSEE: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 365;
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ZIP: 2005-3315
COMPUTER READABLE PORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,985B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        76.9%; Score 1151; DB 1; 76.3%; Pred. No. 3.4e-104; tive 22; Mismatches 43;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             265 FQKWVAVVVPSGQEQRYTCHVQHEGLPKPLTLPW 298
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APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION WUMBER: US 07/792,473
FILING DATE: 15-NOV-1991
CLASSIFICATION: 530
ATTORNEY AGENT INFORMATION:
NAME: POLICET AIDE E. R.
REGISTRATION NUMBER: 33,332
REGISTRANICH COCKET NUMBER: 03495.0106-TELECOMMINICATION INFORMATION:
TELEPHONE: 202-408-4000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TYPE: amino acid
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Matches 209; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
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-- Tocal Similarity
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US-08-481-985B-99
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RADPPKAHVAHHPISDHEATLRCWALGFYPAEITLTWQRDGEEQTQDTELVETRPAGDGT 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61 EWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAYDG 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RIDAPKTHMTHHAVSDHEATLRCWALSFYPAEITLIMQRDGEDQTQDTELVETRPAGDGT 264
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Fatent No. 6011146

CENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Abastado, Jean-Pierre
APPLICANT: MUMBER OF SEQUENCES: 148

CORRESPONDENCE ADDRESS:
ADDRESSE: Finnegan, Henderson, Farabow, Garrett & ADRESSE:
ADDRESSE: Pinnegan, Henderson, Farabow, Garrett & ADRESSE:
CORRESPONDENCE ADDRESS:
ADDRESSE: Pinnegan, Henderson, Farabow, Garrett & ADRESSE:
CORRESPONDENCE ADDRESS:
ADDRESSE: Pinnegan, Henderson, Farabow, Garrett & ADRESSE:
CORRESPONDENCE ADDRESS:
STREET: 1300 I Street, N.W., Suite 700

CITY: Washington
STATE: D.C.
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PACOMPUTER: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        76.9%; Score 1151; DB 2; Length 365; 76.3%; Pred. No. 3.4e-104; ive 23; Mismatches 42; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             241 FOKWAAVVVPSGEEORYTCHVQHEGLPOPLILRW 274
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                                                                                                                                                                                                                                                                                                                                                                            03495.0106-04000
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: A35
PRIOR APPLICATION: 435
PLING DATE: 15-NOV-1991
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03495.0106-17
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
SEQUENCE CHARACTERISTICS:
TENATH: 365 amino acids
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amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 76.34
Matches 209, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ) MOLECULE TYPE: peptide US-08-481-9858-99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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61 EWITGYAKANAQTDRVALRNILIRRYNQSEAGSHTLQGWNGCDMGPDGRLLRGYHQHAYDG 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 365;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   76.9%; Score 1151; DB 2; 76.3%; Pred. No. 3.4e-104; tive 22; Mismatches 43;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            265 FQKWVAVVVPSGQEQRYTCHVQHEGLPKPLTLPW 298
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                                                                                                                                                                                                                                                                                                                                                                          03495.0106-04000
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,985B
FILING DATE: 07-UNN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION A35
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/792,473
FILING DATE: 15-NOV-1991
CLASSIFICATION: 435
ATTORNEY AGENT INFORMATION:
               UMBER: US/08/481,985B
07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          7, 2006, 12:41:55
                                                                                                                                                                                                                                                                                                                    NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 0349:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEPAX: 202-408-4400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:
LENGTH: 365 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 76.33
Matches 209; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-481-985B-104
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time: 28.0458 secs
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84

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Sequence 1565, Ap Sequence 4, Appli Sequence 1575, Ap Sequence 2, Appli Sequence 3648, Ap Sequence 649, App Sequence 649, App Sequence 652, Appl Sequence 652, App Sequence 651, App Sequence 65
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                                                                                                                                                                           7, 2006, 13:01:26 ; Search time 12.557 Seconds (without alignments) 680.625 Million cell updates/sec
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score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.
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1496
1 GSH8LRYPSTAVSRPGRGEP......QRXTCHVQHEGLPQPLILRW 274
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Sequence
Sequence
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1: /SIDSS/ptodata/1/pubpaa/US08_NEW PUB.pep:*
2: /SIDSS/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
3: /SIDSS/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
4: /SIDSS/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
5: /SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
6: /SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
7: /SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
8: /SIDSS/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
5.1.7
Biocceleration Ltd
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US-10-821-234-1575

US-10-921-234-1563

US-11-072-512-3648

US-11-072-512-1978

US-11-072-512-1978

US-11-072-512-1978

US-11-095-561-659

US-10-995-561-658

US-10-995-561-658

US-10-995-561-658

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US-10-995-561-657
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             184161 seqs, 31191982 residues
GenCore version
Copyright (c) 1993 - 2006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                     OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Perfect score:
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| | | | SULT 1 -10-821-234-1565 | RESULT 1 US-10-821-234-1565 | RESULT 1 US-10-82 |
|-------------------|-------------------|-------|----------------------------|--------------------------------|----------------------|
| | ALIGNMENTS | | | | |
| sednence saz, App | 795-195-55-01-50 | | | • | - |
| equence 581, | -10-995-561- | | | ٠, | - ' |
| | US-10-884-730-33 | 266 6 | | 43 154 | • |
| 583, | US-10-995-561-583 | | | - | • |
| 374, | US-10-884-730-374 | | | | • |
| 376, | US-10-884-730-376 | | | | • |
| 853, | US-11-000-463-853 | | | 39 157 | • |
| 121, | US-10-884-730-121 | | | | • |
| 357, | US-10-884-730-357 | | | 15 | • |
| Sequence 86, Appl | US-10-884-730-86 | 183 6 | 10.6 | 36 159 | - |
| 330, | US-10-884-730-330 | | 10.7 | | - |
| 328, | US-10-884-730-328 | | 10.7 | | |
| 358, | US-10-884-730-358 | | 10.7 | 33 159.5 | |
| 329 | US-10-884-730-329 | | 10.7 | | • |
| 116, | US-10-884-730-116 | | 10.7 | | |
| 361, | 10-884 | | | | |
| 372 | US-10-884-730-372 | | | | |
| 88, | 10-884 | | | | |
| Sequence 360, App | 884-730-3 | | 10.8 | | |
| Sequence 356, App | US-10-884-730-356 | | 10.9 | 26 162.5 | |

| RESULT 1 | |
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| US-10-821-234-1565 | |
| ; Sequence 1565, Application US/10821234 | |
| ; Publication No. US20050255114A1 | |
| ; GENERAL INFORMATION: | |
| ; APPLICANT: Labat, Ivan | |
| ; APPLICANT: Stache-Crain, Birgit | |
| ; APPLICANT: Andarmani, Susan | |
| ; APPLICANT: Tang, Y. Tom | |
| ; TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclams | amr |
| ; FILE REFERENCE: 821A | |
| ; CURRENT APPLICATION NUMBER: US/10/821,234 | |
| ; CURRENT FILING DATE: 2004-04-07 | |
| ; PRIOR APPLICATION NUMBER: US 60/462,047 | |
| ; PRIOR FILING DATE: 2003-04-07 | |
| ; NUMBER OF SEQ ID NOS: 1704 | |
| ; SOFTWARE: pt SEQ genes Version 1.0 | |
| ; SEQ ID NO 1565 | |
| ; LENGTH: 338 | |
| ; TYPE: PRT | |
| ; ORGANISM: Homo sapiens | |
| US-10-821-234-1565 | |

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| | ő | 09 | 84 | 120 | 144 | 180 | 204 | 240 | 264 |
|--|---------|---|--|---|---|--|--|--|--|
| Query Match 79.1%; Score 1184; DB 6; Length 338; Best Local Similarity 78.8%; Pred. No. 7 16-91. | o, Gaps | 1 GSHSLRYPSTAVSRPGRGEPRYIAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQEGPQYW 60 | 25 GSHSMRYFSAAVSRPGRGEPRFIAMGYVDDTQFVRFDSDSACPRMEPRAPWVEQEGPEYW 84 | 61 EWITGYAKANAQIDRVALRNLLRRYNQSBAGSHTLQGWNGCDMGPDGRLLRGYHQHAYDG 120 | 85 EEETRNTKAHAQTDRMNLQTLRGYYNQSEASSHTLQWMIGCDLGSDGRLLRGYEQYAYDG 144 | 121 KDYISLNEDLRSWTAADTVAQITQRFYBABEYABEFRTYLEGECLELLRRYLENGKETLQ 180 | 145 KDYLALNBDLRSWTAADTAAQISKRKCEAANVAEQRRAYLEGTCVEWLHRYLENGKENLQ 204 | 181 RADPPKAHVAHHPISDHEATLRCWALGFYPABITLTWQRDGEEQTQDTELVETRPAGDGT 240 | 105 RADPEKTHVTHHPVEDYRATLECWALGFYPARILITWQRDGEDQTQDVELVETRPAGDGT 264 |
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FOKWAAVVVPSGEBORYTCHVQHEGLPQPLILRW 274

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                                           APPLICANT: KROENKE, MARTIN
APPLICANT: KROENKE, MARTIN
APPLICANT: KROENKE, MARTIN
APPLICANT: ZAVAZAVA, NICHOLAS
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO A DIMERIC MHC CLASS
TITLE OF INVENTION: I AND II-LIKE MOLECULE (deMHC I AND deMHC II)
FILE REPERENCE: 100MA:0644US
CURRENT APPLICATION NUMBER: US/10/995,805
FRIOR APPLICATION NUMBER: 60/524,988
PRIOR PLILNG DATE: 2003-11-25
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PATENTIN VET: 2.1
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APPLICANT: Labat, Ivan
APPLICANT: Stache-Crain, Birgit
APPLICANT: Andarmani, Susan
APPLICANT: Andarmani, Susan
APPLICANT: Tang, Y. Tom
TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
FILE REFERENCE: 821A
CURRENT APPLICATION NUMBER: US/10/821,234
CURRENT FILING DATE: 2004-04-07
RIOR PALLOR DATE: 2003-04-07
NUMBER OF SEQ ID NOS: 1704
SEQ ID NO 1575
LENGTH: 365
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 1575, Application US/10821234; Publication No. US20050255114A1; GENERAL INFORMATION:
; Sequence 4, Application US/10995805; Publication No. US20050287631A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 76.6'
Matches 210; Conservative
                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
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US-10-821-234-1575
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US-10-995-805-4
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                                                                                                              145 KDYIALKEDLIKSWTAADMAAQTTKHKWEAAHVAEQQRAYLEGTCVEWLRRYLENGKETLQ 204
                                                                                                                                                                                                                                                                                                                                             205 RIDAPKTHMTHHAVSDHEATLRCWALSFYPAEITLITWQRDGEDQTQDTELVETRPAGDGT 264
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25 GSHSMRYFFTSVSRPGRGEPRFIAVGYVDDTQFVRFDSDAASQRMEPRAPWIEQEGPEYW 84
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                                                                             EWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAYDG
                                                                                                                                                                                              121 KDYISLNEDLRSWTAADTVAQITQRFYEAEEYAEEFRTYLEGECLELLRRYLENGKETLQ
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APPLICANT: Stache-Crain, Birgit
APPLICANT: Stache-Crain, Birgit
APPLICANT: Stache-Crain, Birgit
APPLICANT: Andarmani, Susan
APPLICANT: Andarmani, Susan
TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
TITLE OF INVENTION: WOUNDER: US/10/821,234
CURRENT APPLICATION NUMBER: US 60/462,047
PRIOR APPLICATION NUMBER: US 60/462,047
NUMBER OF SEQ ID NOS: 1704
SOFTWARE: PL SEQ genes Version 1.0
TENNING OF SEQ Genes Version 1.0
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                                                                                                                                                                                                                                                                                                                                                                                                                              241 FOKWAAVVVPSGEEORYTCHVQHEGLPOPLILRW 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                               265 FQKWAAVVVPSGQEQRYTCHVQHEGLPKPLILRW 298
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US-10-995-805-2
; Sequence 2, Application US/10995805
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Matches 201; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens
US-10-821-234-1563
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91 GSHTLQGMNGCDMGPDGRLLRGYHQHAYDGKDYISLNEDLRSWTAADTVAQITQRFYEAE 150
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                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                      Length 284;
                                                                                                                                                                                                                                                                                    21; Indels
                                                                                                                                                                                                                                   ; Score 832; DB 7;
; Pred. No. 3.5e-63;
13; Mismatches 21;
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APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: OTSUKA, MOTOVUKI
APPLICANT: MAGHARI, KENJI
APPLICANT: MAGHARI, KENJI
APPLICANT: MAGHARI, KENJI
FILE REFERENCE: 084335-0191
FILE REFERENCE: 084335-0191
CURRENT PELLING DATE: 2005-03-07
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR APPLICATION NUMBER: US 60/350,978
PRIOR APPLICATION NUMBER: US 2001-379298
PRIOR APPLICATION NUMBER: UP 2001-379298
PRIOR FILING DATE: 2001-11-05
NUMBER: OF SEQ ID NOS: 4096
SEQ ID NO 1978
LENGTH: 209
PRIOR APPLICATION NUMBER: JP 2001-379298
PRIOR FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3648
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1978, Application US/11072512
Publication No. US20060029945A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: ISOGAI, TAKAO
APPLICANT: SUGIYAMA, TOMOYASU
APPLICANT: OTSUKI, TETSUJI
APPLICANT: NAKAMATSU, AI
APPLICANT: SATO, HIROYUKI
APPLICANT: SATO, HIROYUKI
APPLICANT: ISONO, YUUKO
APPLICANT: ISONO, YUUKO
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IRIE, RYOTARO
TAMECHIKA, ICHIRO
SEKI, NAOHIKO
YOSHIKAWA, TSUTOMU
OTSUKA, MOTOYUKI
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Best Local Similarity 81.5%;
Matches 150; Conservative 13
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US-11-072-512-1978
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HIO, YURI
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Best Local Simi
Matches 105;
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            GENERAL INFORMATION:
APPLICANT: KROENKE, MARTIN
APPLICANT: ZAVAZAVA, NICHOLAS
APPLICANT: MARZAVA, NICHOLAS
APPLICANT: ALTICANZAVA, NICHOLAS
TITLE OF INVENTION: I AND II-LIKE MOLECULE (dsMHC I AND dsMHC II)
FILE REPERENCE: 100%+054US
CURRENT APPLICATION NUMBER: 60/524,988
PRIOR PLILING DATE: 2004-11-23
PRIOR PLILING DATE: 2003-11-25
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 575
TYPE: PRI
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APPLICANT: TAMECHIKA, ICHIRO
APPLICANT: SERI, NACHIKO
APPLICANT: SERI, NACHIKO
APPLICANT: YOSHIKAWA, TSUTOMU
APPLICANT: NAGAHARI, KENJI
APPLICANT: MAGHARI, KENJI
APPLICANT: MASHON, YASUHIKO
TITLE OF INVENTION: Novel full length cDNA
FILE REFERENCE: 084335-0191
CURRENT APPLICATION NUMBER: US/11/072,512
CURRENT FILING DATE: 2005-03-07
PRIOR PILING DATE: 2002-01-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3648, Application US/11072512
Publication No. US200600299551
GENERAL INFORMATION:
APPLICANT: SUGIYAMA, TOMOYASU
APPLICANT: OTSURI, TESUJI
APPLICANT: STRICT, TESUJI
APPLICANT: SATO, HIROYUKI
APPLICANT: SATO, HIROYUKI
APPLICANT: SAND, MAKAMATSU, AI
APPLICANT: SAND, WINCO
APPLICANT: YANAMOTO, JUN-ICHI
APPLICANT: HOO, YUNKO
APPLICANT: HOO, YUNKO
  Publication No. US20050287631A1
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NAGAI, KEIICHI
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US-10-995-805-2
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61 GYEQHAYDGKDYIALNEDLRSWTAADMAAQITKRKWEAARRAEQRRVYLEGEFVEWLRRY 120
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                         23 GRYSLIYIYTGLSKHVEDVPAFQALGSLNDLQFPRYNSKDR--KSQPMGLWRQVBGMEDW
VEQEGPOYWEWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMNGCDMGPDGRLLR
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Best Local Similarity 36.6%; Pred. No. 2.3e-32;
Matches 101; Conservative 48; Mismatches 119; Indels
                                                                                                                                                                                                                                                232 ETRPAGDGTFQKWAAVVVPSGEEQRYTCHVQHEGLPQPLILR 273
                                                                                                                                                                                                                                                                          ---PTRKG--DKWD-------QHYNIALPLVLR 171
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Publication No. US200600295561

GENERAL INFORMATION: US200600295561

APPLICANT: Beyer, Wayne F.

APPLICANT: Venetta, Thomas M.
APPLICANT: Groelke, John W.

APPLICANT: Blessius, Rainer H.

TILLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE TILLE OF INVENTION: DETECTION OF OVARIAN DISEASE

FILE REFERENCE: 46143/294851

CURRENT APPLICATION NUMBER: US/11/177,506

CURRENT FILING DATE: 2005-07-08

PRIOR APPLICATION NUMBER: 60/586,856
                                                                                                                                                                                                         LENGKETLORAGTR----GHRAPPGWPVDLRGWP------
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 52
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 52
LENGTH: 295
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US-11-177-506-52
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US-10-995-561-649
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Sequence 649, Application US/10995561 Publication No. US20050272054A1 PRORMATION: AMERAL INFORMATION: APPLICANT: CARGILL, Michele et al.

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TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CL001559
CURRENT APPLICATION NUMBER: US/10/995, 561
CURRENT FILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 649
LENGTH: 348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              85 LQLSQSLKGWDHMFTVDFWTIMENHNHSKE-SHTLQVILGCEMQEDNS-TEGYWKYGYDG 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             180 QRADPPKAHVAHHPISDHEATLRCWALGFYPAEITLTWQRDGEEQTQDTELVETR---PA 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           203 DQQVPPLVKVTHH-VTSSVTTLRCRALNYYPQNITWKWLKD--KQPMDAKEFEPKDVLPN 259
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Publication No. US20060051806A1;
GENERAL INFORMATION:
TITLE OF INVENTION: Mutations associated with iron disorders;
FILE REPERBENCE: 24065-004 CONZ;
CURRENT APPLICATION WUMBER: US/11/252,452
CURRENT PILING DATE: 2005-10-18
FRIOR PELING DATE: 2005-10-18
FRIOR PELING DATE: 09/981,606
FRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NOS: 30
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Best Local Similarity 38.1%; Pred. No. 3e-31;
Matches 106; Conservative 41; Mismatches 119;
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Pred. No. 3e-31;
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38.1%;
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US-10-995-561-649
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Best Local Similarity
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Gaps

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Length 334;

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61 EWTTGYAKANAQTDRVALRNLLRRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAYDG 120
                                                                                                                                                                                                                                                                                                        85 LQLSQSLKGWDHMFTVDFWTIMENHNHSKE-SHTLQVILGCEMQEDNS-TEGYWKYGYDG 142
                                                                                                                                                                                                                                                                                                                                                              121 KDYISLNEDLRSWTAADTVAQITQRFYEABEY-AEEFRTYLEGECLELLRRYLENGKETL 179
                                                                                                                                                                                             2 SHSLRYFSTAVSRPGRGEPRYIAVEYVDDTQFLRFDSDAAIPRMEPREPWVEQE-GPQYW
                                                                                                                                                                                                                     Query Match
28.0%; Score 419; DB 6; Length 334
Best Local Similarity 36.3%; Pred. No. 3.8e-28;
Matches 101; Conservative 39; Mismatches 112; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                HIO, YURI
OTSUKA, KAORU
NAGAI, KEIICHI
IRIE, RYOTARO
                            ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-995-561-658
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US-11-072-512-3304
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        LENGTH: 334
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APPLICANT:
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Publication No. US20050272054A1
GENERAL INFORMATION
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REFERENCE: CLO01559
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT PILLING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 652
                              180 QRADPPKAHVAHHPISDHEATLRCWALGFYPABITLTWQRDGEEQTQDTELVETR---PA 236
                                                                                                        203 DQQVPPLVKVTHH-VTSSVTTLRCRALNYYPQNITWKWLKD--KQPMDAKRFEPKDVLPN 259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 12
US-10-995-561-658
US-10-995-561-658
Squence 658, Application US/10995561
Publication No. US2005072054A1
GENERAL INFORMATION:
TITLE OF INVERTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVERTION: DETECTION AND USES THEREOF
TITLE OF INVERTION: DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT PILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: PARTSEQ for Windows Version 4.0
SEQ ID NO 658
KDYISLNEDLRSWIAADTVAQIIQRFYEAEEY-AEEFRIYLEGECLELLRRYLENGKETL 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              64 TGYAKANAQTDRVALRNILRRYNQSEAGSHTLQGMNGCDMGPDGRLLRGYHQHAYDGKDY 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          65 SQSLKGWDHMFTVDFWTIMENHNHSKE-SHTLQVILGCEMQEDNS-TRGYWKYGYDGQDH 122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             183 DPPKAHVAHHPISDHEATLRCWALGFYPABITLTWQRDGEEQTQDTELVETR---PAGDG 239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         183 VPPLVKVTHH-VTSSVTTLRCRALNYYPQNITWKWLKD--KQPMDAKEFEPKDVLPNGDG 239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   124 ISLNEDLRSWTAADTVAQITQRFYEAEEY-AEEFRTYLEGECLELLRRYLENGKETLQRA 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5 LRYPSTAVSRPGRGEPRYIAVRYVDDTQFLRFDSDAAIPRMEPREPWVEQE-GPQYWEWT 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         17; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            29.0%; Score 433.5; DB 6; Length 325; 37.5%; Pred. No. 2.2e-29; ive 42; Mismatches 113; Indels 17
                                                                                                                                                                                         260 GDGTYQGWITLAVPPGEEQRYTCQVEHPGLDQPLIVIW 297
                                                                                                                                                               237 GDGTFQKWAAVVVPSGEEQRYTCHVQHEGLPQPLILRW 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TFOKWAAVVVPSGEEORYTCHVOHEGLPOPLILRW 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              240 TYĞGWITLAVPPGEEQRYTCQVEHPGLDQPLIVIW 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 37.5
Matches 103; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Homo sapiens
US-10-995-561-652
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US-10-995-561-652
121
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180 QRADPPKAHVAHHPISDHEATLRCWALGFYPABITLIWQRDGEEQTQDTELVETR---PA 236
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                                                                                                     203 DQ-------QVTTLRCRALNYYPQNITWKWLKD--KQPMDAKEFBFKDVLPN 245
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                                                                                                                                                                                                246 GDGTYQGWITLAVPPGEEQRYTCQVEHPGLDQPLIVIW 283
                                                                                                                                                                      237 GDGTPQKWAAVVVPSGEEQRYTCHVQHEGLPQPLILRW 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: YOSHIKAWA, TSUTOWU
APPLICANT: YOSHIKAWA, TSUTOWU
APPLICANT: NAGAHALI, KENJI
APPLICANT: MAGAHALI, KENJI
APPLICANT: MAGAHALI, KENJI
APPLICANT: MAGHALI, KENJI
APPLICANT: MAGHALI, KENJI
CURRENT APPLICATION NUMBER: US/11/072,512
CURRENT APPLICATION NUMBER: US/11/072,512
CURRENT APPLICATION NUMBER: US/197999
PRIOR FILING DATE: 2002-01-25
PRIOR FILING DATE: 2002-01-25
PRIOR FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 4096
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 3304
                                                                                                                                                                                                                                                                                                                                            ; Sequence 3304, Application US/11072512; Publication No. US20060029945A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: ISOGAI, TAKAO
APPLICANT: SUGIYANA, TOWOYASU
APPLICANT: OTSUKI, TETSUJI
APPLICANT: WAKAMATSU, AI
APPLICANT: SATO, HIROYUKI
APPLICANT: ISHII, SHIZUKO
APPLICANT: YAMAMOTO, UUN-ICHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    WAKAWATSU, AI
SATO, HIROYUKI
ISHII, SHIZUKO
YAWAWOTO, JUN-ICHI
ISONO, YUUKO
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SEKI, NAOHIKO
YOSHIKAWA, TSUTOMU
OTSUKA, MOTOYUKI
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US-10-995-561-651

Sequence 651, Application US/10995561

Publication No. US20050272054A1

SEQUENCE OF USE 
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Publication No. US20050272054A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: CARGILL, MICHELE OF LYWORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: CARGILOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
TITLE OF INVENTION: DETECTION AND USES THEREOF
FILE REPERENCE: CLO01559
CURRENT APPLICATION NUMBER: US/10/995,561
CURRENT PILING DATE: 2004-11-24
NUMBER OF SEQ ID NOS: 85702
SOFTWARE: FREUENCE OF Windows Version 4.0
SEQ ID NO 655
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92 SHTLQGMNGCDMGPDGRLLRGYHQHAYDGKDYISLNEDLRSWTAADTVAQITQRFYEAEE 151
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     QIITMKWLKD--KQPMDAKEFEPKDVLPNGDGTYQCWITLAVPPGEEQRYTCQVEHPGLD 202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              211 AEITLIWORDGEEQTQDIELVETR---PAGDGIFQKWAAVVVPSGEEQRYICHVQHEGLP 267
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42.2%; Pred. No. 4e-24;
tive 29; Mismatches 71; Indels
                                                                                                                                                                                                                                                       SGEEORYTCHVQHEGLPOPLILRW 274
                                                                                                                                                                                                                                                                                                                               SGEEQRYMCHVQHEGLPKPLTLRW 86
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; ORGANISM: Homo sapiens
US-10-995-561-655
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ORGANISM: Homo sapiens
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Matches 79; Conserva
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US-10-995-561-655
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                                                                                                                                      121 KDYISLNEDLRSWTAADTVAQITQRFYEAEEY-AEEFRTYLEGECLELLRRYLENGKETL 179
                                                                                                                                                            180 QRADPPKAHVAHHPISDHEATLRCWALGFYPAEITLTWQRDGEEQTQDTELVETR---PA 236
                                                                                                                                                                                                                               203 DQQVPPLVKVTHH-VTSSVTTLRCRALNYYPQNITMKMLKD--KQPMDAKBFBPKDVLPN 259
                                 84
                27 SHSLHYLFMGASEQDLGLSLFEALGYVDDQLFVFYDHESR--RVEPRTPWVSSRISSQMW
 SHSLRYFSTAVSRPGRGEPRYIAVEYVDDTQFLRFDSDAAIPRMBPREPWVEQE-GPQYW
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